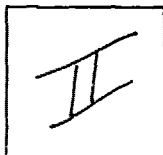


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**DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)**

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

LORING AFB ME WBAN #14623
N 46 57 W 067 53 FLD ELEV 746 FT LIZ WMO #

PARTS A-F
FOR FROM HOURLY OBS: DEC 69 - NOV 79
FOR FROM DAILY OBS: DEC 50 - NOV 79
TIME CONVERSION GMT TO LST: -5

JUN 27 1980

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 80/063	2. GOVT ACCESSION NO	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Loring AFB, Caribou, ME		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
		6. PERFORMING ORG. REPORT NUMBER															
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 27 June 80															
		13. NUMBER OF PAGES															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
		15a. DECLASSIFICATION, DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Loring AFB, Caribou, ME It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*Maine **Loring AFB, Caribou, ME

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the day observations (record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Air Force and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hours: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared for the observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

FIGURE	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	FIELD STATION	WIND DIRECTION
10075	LOOKING AFB/LEMESTONE MAINE	N46 57	W067 53	746	112	

STATION LOCATION AND INSTRUMENTATION HISTORY

NO. OF STATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		DATE PER DAY
			FROM	TO			FIELD ELEV	HE BARO	
1	Leimestone AFB	APR	Dec 50	Mar 53	N46 56	W067 53	725 FT		24
2	Same	Same	Apr 53	Mar 56	N46 57	Same	746 FT	Same	24
3	Looking AFB Maine	Same	Apr 56	Feb 62	Same	Same	746 FT	Same	24
4	Same	Same	Mar 62	Nov 79	Same	Same	Same	752 FT	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 50	N/A	N/A	N/A	N/A	
2	Apr 53	Located on top the control of the operations building	GMQ-1A	ML-204B	85 FT	
3	Apr 54	Same	Same	N/A	90 FT	
4	Apr 56	Located on E side of rnwy, 750 ft from centerline, approximately 1000 ft N of south end of rnwy or about 3100 ft from the weather stn	GMQ-11	RO-2	13 FT	
5	Apr 57	Located on the E side of rnwy approximately 1000 ft from B and	GMQ-11	RO-2	13 FT	
6	Apr 58	Located 500 ft E of south end of rnwy	Same	Same	Same	

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NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Apr 59	Located 1600 ft N and 600 ft E of south end of runway	Same	Same	Same	
8	Apr 60	Located NE side of runway 01	Same	Same	Same	
9	Apr 61	Same	Same	Same	15 ft	
10	Mar 62	Located 2100 ft down and 800 ft to the right of centerline of runway 01	Same	Same	13 ft	
11	Apr 63	1. Located 1600 ft from end and 665 ft E centerline of runway 01 2. Located 1685 ft from end and 600 ft E centerline of runway 19	GMQ-11 Same	RO-2	13 ft 30 ft	
12	Apr 69	Located 2000 ft down runway 01 and 18 000 ft to the left of the center line	GMQ-11	RO-2	13 ft	
13	Apr 69	Same	Same	RO-362	Same	
14	Apr 71	Same	GMQ-20	Same	Same	
15	Nov 79	Same	Same	Same	Same	

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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorms, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 70-79 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF VITH	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02		1.6	2.7	23.4		5.6	6.7	.8	2.7		9.6	929
	03-05		3.3	1.9	22.3		26.6	6.5	.4	2.7		9.6	935
	06-08		3.9	1.9	24.1		26.7	7.1	1.1	2.5		10.4	930
	09-11		4.3	1.0	24.9		29.2	7.0	2.4	3.2		12.3	930
	12-14		4.2	1.2	24.9	.1	29.4	7.0	1.8	4.5		12.2	930
	15-17		3.2	1.4	20.2		24.1	6.1	1.3	4.5		11.2	930
	18-20		2.9	1.4	23.1		26.6	4.5	1.1	4.1		9.7	930
	21-23	.1	2.9	1.1	23.7		26.2	5.1	.6	4.1		9.6	930
TOTALS		.0	3.3	1.6	23.3	.0	27.2	6.3	1.2	3.5		10.6	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14023 LORING AFB ME 73-79 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		3.4	1.2	24.3		27.8	6.0	.6	3.3		9.9	846
	03-05		3.3	1.9	26.7		30.5	9.0	1.4	2.7		12.4	846
	06-08		2.1	1.3	27.0		29.7	8.4	2.2	3.0		12.9	846
	09-11		2.6	1.1	25.3		27.4	7.4	2.0	3.0		12.4	846
	12-14		2.5	.4	24.2		26.8	5.4	1.4	3.9		12.5	846
	15-17		2.7	.8	25.2		23.4	7.3	1.5	4.0		12.5	846
	18-20		2.2	.8	21.2		23.6	6.1	.7	5.6		11.7	846
	21-23		3.0	.8	22.3		25.3	6.0	.2	4.6		13.6	846
TOTALS			2.7	1.0	24.5		27.4	7.0	1.3	3.9		11.6	6765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LOPING AFB ME

70-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAR	00-02	.3	6.2	1.1	18.6		25.4	9.5		2.4		11.5	937
	03-05		6.2	2.2	19.1		26.5	10.9		2.6		13.1	930
	06-08		5.5	1.5	20.5		27.1	11.9	.6	2.5		14.6	930
	09-11		6.6	.6	22.6		29.0	9.8	1.1	3.4		13.2	937
	12-14		6.8	.3	22.5	.2	28.6	8.5	.4	4.2		12.2	930
	15-17		6.2	.5	21.6		27.8	7.5	.4	3.2		10.6	930
	18-20		6.6	.3	20.2		26.1	7.3	.3	3.7		10.9	930
	21-23		6.2	1.0	20.5		27.0	8.1		2.4		10.2	930
TOTALS		.0	6.3	1.0	20.8	.0	27.2	9.2	.4	3.1		12.0	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623
STATION

LORING AFB ME
STATION NAME

73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		9.1	1.3	13.4		22.3	9.2	.1	.3		9.7	900
	03-05		11.0	1.1	14.0		24.6	12.1	.2	1.1		13.4	900
	06-08		10.4	.4	15.6		25.4	13.3	1.0	1.2		15.4	900
	09-11		10.6	.2	12.2		22.3	10.3	2.2	1.6		13.6	900
	12-14		11.2	.2	12.9	.1	23.7	8.4	1.1	1.3		10.3	900
	15-17		11.0		12.7	.1	23.4	7.4	.4	1.3		8.8	900
	18-20		10.1	.1	13.9		22.7	8.6	.2	1.9		10.1	900
	21-23	.1	9.7	.7	14.6		23.6	6.6		.9		7.1	900
TOTALS		.0	10.4	.5	13.7	.0	23.5	9.5	.7	1.2		11.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME

73-79

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.1	17.0		.8		17.6	11.6				11.6	930
	03-05		16.8		1.0		17.5	17.6	.1			17.7	930
	06-08		16.3		1.8		17.6	14.8	1.7			16.2	930
	09-11	.1	16.3		1.6		17.4	9.1	1.8			10.9	930
	12-14	.3	18.2		.8		18.8	8.5	1.1			9.4	930
	15-17	1.2	17.3		1.0		17.7	8.3	1.4			9.6	930
	18-20	.8	17.5		.5		18.0	8.0	.3			8.3	930
	21-23	.6	17.2		.5		17.7	9.1	.2			9.1	930
TOTALS		.4	17.1		1.0		17.8	10.9	.8			11.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME
STATION STATION NAME

70-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02	.6	15.1				15.1	15.8	3.0			13.1	900
	03-05	.2	15.2				15.2	19.3	2.8			21.3	900
	06-08	.1	13.3				13.3	16.0	6.3			21.2	900
	09-11		12.4				12.4	8.2	7.3			14.1	900
	12-14	.7	14.2				14.2	6.0	6.8			11.9	900
	15-17	2.0	13.7				13.7	7.2	6.7			12.7	900
	18-20	3.0	15.4				15.4	7.7	5.6			12.7	900
	21-23	1.0	15.2				15.2	9.3	4.6			13.2	900
TOTALS		1.0	14.3				14.3	10.6	5.4			15.0	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 STATION LORING AFB ME 73-79 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.8	9.5				9.5	14.4	6.2			16.6	929
	03-05	1.0	9.4				9.4	24.1	6.5			26.3	930
	06-08	.2	7.8				7.8	18.4	10.8			25.7	930
	09-11	.5	7.8				7.8	8.7	11.1			18.3	930
	12-14	1.9	11.0				11.0	6.2	11.5			15.6	930
	15-17	4.1	10.1				10.1	5.6	10.6			14.4	930
	18-20	4.3	11.4				11.4	7.2	9.1			14.5	928
	21-23	2.2	9.1				9.1	7.8	7.9			14.1	927
TOTALS		2.0	9.5				9.5	11.6	9.2			18.7	7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	1.0	12.3				12.3	17.7	4.6			26.5	930
	03-05	.2	10.8				10.8	25.4	4.9			27.1	930
	06-08	.1	10.5				10.5	22.0	9.0			27.2	930
	09-11	.5	10.4				10.4	11.3	7.2			17.1	930
	12-14	1.2	10.0				10.0	5.5	6.7			11.4	930
	15-17	3.0	11.5			.1	11.5	5.6	5.7			13.6	930
	18-20	3.0	12.9				12.9	8.8	6.3			13.8	930
	21-23	1.6	12.0				12.0	13.2	5.4			16.7	930
TOTALS		1.3	11.3			.0	11.3	13.7	6.3			18.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LOPING AFB ME

75-79

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.2	14.7				14.7	13.0	1.7			14.0	900
	03-05	.1	14.6				14.6	18.4	1.8			19.3	900
	06-08		12.9				12.9	20.4	4.3			22.9	900
	09-11		11.7				11.7	11.7	5.0			15.4	900
	12-14	.1	11.7		.1		11.8	6.9	4.1			10.6	900
	15-17	.2	15.3				15.3	9.0	4.0			12.3	900
	18-20	.3	13.9				13.9	10.1	2.9			12.3	900
	21-23	.3	14.6				14.8	12.1	2.3			13.1	900
TOTALS		.2	13.7		.0		13.7	12.7	3.3			15.0	7200

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
1 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14523 LORING AFB ME

70-79

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		15.9		3.3		18.6	14.5	5.2			15.5	930
	03-05		12.0		3.0		15.1	17.0	1.5	.1		17.6	930
	06-08		14.8		2.5		17.2	19.9	2.0	.1		20.5	930
	09-11		13.7	.1	2.6		16.0	14.6	2.7			16.3	930
	12-14		12.8		3.4		16.1	9.6	3.3			12.0	930
	15-17	.4	13.7		2.5		16.0	9.9	3.5			12.8	930
	18-20	.2	14.7		3.2		17.1	10.5	2.9			12.9	930
	21-23	.3	15.1		2.9		16.9	11.0	3.3			13.2	930
TOTALS		.1	14.1	.0	2.9		16.6	13.4	2.8	.0		15.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		10.9	.9	13.4		21.8	11.9		1.2		13.1	900
	03-05		9.9	.6	12.3		21.9	12.6		1.2		13.6	900
	06-08		8.6	.7	12.7		21.3	16.2	.3	1.8		17.3	900
	09-11		7.2	.8	17.6		24.6	12.6	1.2	1.4		14.6	900
	12-14		8.2	1.3	17.8		25.9	11.6	1.0	1.7		13.6	900
	15-17		9.7	1.4	14.7		25.3	12.6	.6	2.1		14.1	900
	18-20		8.1	1.3	11.6		20.3	12.0	.3	1.2		12.9	898
	21-23		8.8	.7	10.7		19.6	11.3	.2	.9		12.4	897
TOTALS			8.9	1.0	13.5		22.6	12.6	.5	1.3		14.0	7195

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 69-78 DEC
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02		2.7	2.9	28.8		32.7	8.9	.4	4.1		13.0	930
	03-05		4.2	2.4	26.7		31.9	10.3	.3	4.0		14.5	930
	06-08		4.2	2.2	23.4		29.0	10.5	.5	2.0		12.9	930
	09-11		4.7	1.3	27.7		32.6	9.9	1.2	3.2		14.0	930
	12-14		4.5	1.4	28.5		33.5	9.4	1.1	4.0		14.3	930
	15-17		4.1	1.0	27.2		31.5	10.4	.9	3.9		14.4	930
	18-20		4.4	1.2	24.7		29.7	8.1	.1	3.0		11.1	930
	21-23		4.7	3.2	25.4		30.8	7.2	.1	4.0		11.2	930
TOTALS			4.2	2.0	26.6		31.5	9.3	.6	3.5		13.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 69-79 ALL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAUL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	3.3	1.6	23.3	.0	27.2	6.3	1.2	3.5		10.6	7439
FEB			2.7	1.0	24.5		27.4	7.0	1.3	3.8		11.6	6768
MAR		.0	6.3	1.0	23.8	.0	27.2	9.2	.4	3.1		12.0	7440
APR		.0	10.4	.5	13.7	.0	23.5	9.5	.7	1.2		11.1	7200
MAY		.4	17.1		1.0		17.2	10.9	.8			11.6	7440
JUN		1.0	14.3				14.3	10.6	5.4			15.0	7200
JUL		2.0	9.5				9.5	11.6	9.2			18.7	7434
AUG		1.3	11.3			.0	11.3	13.7	6.3			19.1	7440
SEP		.2	13.7		.0		13.7	12.7	3.3			15.0	7200
OCT		.1	14.1	.0	2.9		16.6	13.4	2.8	.0		15.2	7440
NOV			8.9	1.0	13.5		22.6	12.6	.5	1.3		14.0	7195
DEC			4.2	2.0	26.6		31.5	9.3	.6	3.5		13.2	7440
TOTALS		.4	9.7	.6	10.5	.0	20.2	10.6	2.7	1.4		13.8	87636

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBSC. TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WEAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

1-023 LORING AFB ME 50-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND /OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.1	17.1	9.7	74.6	.1	76.7	26.2	9.0	18.4		44.2	898
FEB			13.3	7.4	69.3		70.8	27.5	11.2	18.4		43.5	819
MAR		.4	21.7	5.9	58.6	.1	65.9	28.0	5.7	13.9		39.6	899
APR		1.1	40.5	2.8	36.9	.3	58.0	32.8	6.3	3.7		36.2	870
MAY		5.9	57.5		5.9	.7	58.6	34.0	6.6	.3	.1	35.7	896
JUN		13.6	60.5		.2	.6	60.5	36.4	16.9		.1	42.6	870
JUL		20.4	59.0			.6	59.0	43.3	22.1			46.1	899
AUG		13.9	56.6			.8	56.6	44.2	20.3			45.5	899
SEP		3.8	54.8		1.3	.3	55.1	43.4	12.8		.3	45.5	870
OCT		1.4	53.6	.3	17.2	.1	58.3	39.2	11.3	.4		41.9	890
NOV			39.8	7.4	50.1		71.6	42.2	6.3	3.7	.1	45.5	870
DEC			21.2	0.3	73.0		78.0	32.7	6.8	15.9		44.4	899
TOTALS		5.0	41.0	3.6	32.2	.3	64.1	36.2	11.4	4.2	.0	43.0	10588

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0600LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATE DATA
 U.S. AIR FORCE
 AIR FORCE HEADQUARTERS

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NAME

STATION

STATION NAME

STATION

STATION NAME

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	0.0	3.4	4.3	10.3	6.5	10.6	7.8	2.5	1.0					47.1	896	2.56	5.20	.36
FEB	0.0	2.0	4.5	11.6	6.7	9.3	6.7	4.1	.9					46.2	817	2.61	5.54	.30
MAR	3.0	2.4	3.9	11.6	6.3	10.3	7.3	3.4	.4					43.6	899	2.51	5.73	.0
APR	0.0	11.4	4.3	6.2	6.4	9.0	7.1	3.1	.8					37.7	869	2.52	4.46	.36
MAY	41.5	17.3	4.8	6.0	6.9	6.0	7.6	5.0	1.7					41.2	896	3.7	5.78	.52
JUN	38.5	17.3	4.3	9.3	6.2	10.0	7.8	4.5	2.2					44.3	869	3.49	7.44	1.34
JUL	35.0	10.0	3.7	9.4	6.9	9.7	8.4	5.6	2.3					45.3	894	4.07	6.48	1.76
AUG	41.0	15.0	2.9	8.2	4.7	9.5	8.4	4.8	3.6					42.3	894	4.34	7.49	1.13
SEP	44.5	14.5	3.6	8.1	6.7	6.6	7.1	4.5	2.1	.5				41.0	868	3.03	7.65	.71
OCT	40.6	16.1	3.6	9.9	6.4	5.1	7.6	3.6	1.6	.2				41.4	897	3.36	7.03	1.24
NOV	27.3	13.9	4.6	12.4	5.9	10.9	8.2	4.7	1.5					48.2	869	3.55	5.98	1.44
DEC	21.2	26.4	5.7	12.1	6.7	12.0	8.1	4.7	1.1					50.4	898	3.35	6.68	.97
ANNUAL	36.1	20.7	4.2	13.3	6.4	9.8	7.7	4.2	1.6	.1				44.3	10566	39.16		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

FROM DAILY OBSERVATIONS

14623 LORING AFB ME
STATION STATION NAME

50-79
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												1.01	
51	.73	.81	.24	1.25	.56	1.16	.97	1.31	.92	1.41	1.61	.70	1.61
52	.39	1.90	.43	.50	.59	2.01	.60	1.11	.63	3.41	.44	.46	3.41
53	.80	.52	1.36	1.20	.81	.40	1.06	.64	.76	1.02	.96	.93	1.36
54	.48	1.22	.49	1.26	.90	1.20	1.44	2.05	4.77	1.35	.85	.74	4.77
55	.50	1.07	.91	.76	.61	.76	.47	1.55	1.13	.33	.33	.38	1.55
56	1.20	.41	.70	.85	.55	.70	.64	1.70	1.02	1.01	1.11	.90	1.70
57	.33	.73	.64	1.25	.60	.87	1.59	.44	1.27	.84	.85	1.09	1.59
58	.72	.77	.39	1.07	.84	1.04	.87	2.10	.58	.38	.96	.74	2.10
59	.95	1.09	1.01	.65	.19	1.21	.92	1.27	1.54	1.40	1.70	.70	1.70
60	2.10	.90	.58	.87	.98	1.60	1.03	.90	1.02	.86	.97	1.41	2.10
61	.55	1.11	.60	.47	2.41	.71	1.51	1.56	1.79	.46	.50	1.26	2.41
62	.33	.28	.31	.55	.53	.41	1.71	1.29	1.26	.80	1.39	1.15	1.71
63	1.13	.62	.69	.64	.46	.89	.84	1.80	1.06	1.05	1.29	.21	1.80
64	.72	.27	.73	.47	1.66	.43	1.16	.72	.42	2.24	.33	1.26	2.24
65	* .46	.35	.31	.52	.50	.53	.83	1.02	.85	.44	.88	.51	1.02
66	* 1.11	1.01	.53	.68	1.76	.64	.81	.40	.78	2.42	1.21	.55	2.42
67	1.24	.91	.80*	.17*	.69	.32	1.15	1.24	1.71	.84	1.44	.92	1.71
68	* .49*	.88	.78	.53	.41*	.48*	1.90*	.53*	.25*	1.26	.74	.66	* 1.90
69	1.22	.84	.40	.41	.97	1.13	2.13	.66	3.06	.37	1.51	1.00	3.06
70	.25	.59	.55	1.55	.82	1.04	1.14	1.15	1.26	4.11	.66	.37	4.11
71	.44	.66	.54	.35*	.70	1.11	1.04	.67	.77	1.22*	.81*	.46	1.22
72	1.23	.42	.89	.23	.94	1.72	1.69*	1.91	2.51	.90	.80	1.15	2.51
73	.67	.50	.50	1.91	1.30	.46	2.33	1.03	.96	.71	.49	2.01	2.33
74	.31	.48	.55	.90	.89	.91	.70	1.32	.66	.46	1.16	.92	1.32
75	.52	.80	.81	.39*	1.17	.64	1.03	.34	1.30	.46	.61	1.00	1.30
76	1.04	.61	1.84	.83	1.14	1.25	1.76	2.31	.79	1.65	.68	1.36	2.31
77	.89	.62	.79	.69	.39	1.04	.49	1.60	1.54	1.22	.51	.56	1.60
78	1.02	.10	.49	.44	.65	1.44	.95	.97	.78	.81	.84	.34	1.44
79	.43	.92	.81	.95	1.44	.88	.92	1.24	3.47	.43	1.60		
MEAN	.777	.733	.678	.792	.881	.946	1.135	1.200	1.379	1.164	.944	.868	2.201
S.D.	.421	.364	.326	.397	.498	.420	.472	.523	.979	.907	.405	.396	.922
TOTAL OBS	896	817	899	869	896	869	894	894	868	897	869	898	10566

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

14623 LORING AFB ME

50-79

FROM DAILY OBSERVATIONS

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51												5.00	
52	2.18	3.45	1.34	4.41	1.95	3.77	5.12	6.14	2.95	2.99	5.51	3.06	42.87
53	2.02	4.90	.97	2.19	2.52	4.75	1.76	2.28	2.27	4.73	1.68	1.34	31.41
54	3.00	2.19	5.62	3.33	2.11	1.91	3.64	1.37	1.88	2.83	3.48	3.63	34.99
55	2.41	3.41	1.47	3.64	3.75	6.24	5.82	6.67	6.80	5.21	3.38	5.44	54.74
56	3.39	4.72	3.69	1.26	3.15	2.47	2.63	4.76	3.16	1.36	1.44	1.01	33.04
57	5.38	1.62	1.59	2.50	1.88	3.31	2.95	5.00	3.18	2.40	2.73	2.94	35.48
58	1.39	2.54	1.83	2.43	1.25	3.40	6.22	1.13	4.20	2.08	4.52	4.91	35.90
59	4.07	5.54	1.85	2.98	2.04	3.04	3.61	7.12	1.99	2.08	3.31	2.45	40.08
60	3.42	2.89	5.15	2.13	.52	3.49	1.82	5.99	2.69	6.15	4.29	2.89	41.43
61	5.25	4.67	2.88	3.28	3.90	6.76	3.89	1.96	2.67	4.05	3.22	4.34	46.87
62	1.79	3.42	2.26	2.37	4.34	3.23	3.83	7.49	6.55	1.81	2.47	2.44	42.00
63	.89	1.22	.50	3.14	2.68	2.28	5.28	3.45	4.65	3.43	5.87	3.35	36.74
64	2.69	2.67	2.33	2.32	2.63	1.88	4.56	7.36	3.60	4.16	5.98	.97	41.15
65	2.71	1.00	3.16	2.01	4.46	2.01	3.97	3.55	1.66	4.62	1.66	4.08	34.89
66	* 1.73	1.57	.70	2.02	2.61	1.95	3.62	3.54	3.17	3.52	5.15	2.07	*31.65
67	* 3.78	2.77	3.62	1.26	4.18	1.64	2.63	1.85	3.04	4.20	3.30	2.76	*35.03
68	3.27	2.85	1.22*	.36*	3.82	1.41	4.84	5.55	6.49	2.74	3.46	3.39	*39.40
69	* 3.25*	1.11	3.34	1.47	1.16*	1.34*	3.61*	1.29*	.71*	2.76	3.93	4.17	*28.14
70	3.67	2.46	1.17	1.89	3.17	3.75	5.35	3.02	7.65	1.24	3.68	3.59	40.63
71	.36	2.39	1.89	3.38	4.05	3.65	3.35	3.80	5.58	7.03	1.97	2.42	39.87
72	1.64	2.17	2.62	1.88*	2.38	2.32	4.05	3.37	2.78	3.49*	3.33*	2.46	*32.49
73	2.38	2.09	5.73	1.07	3.92	7.13	4.77*	5.70	5.19	3.87	3.15	4.60	*49.60
74	2.38	2.75	1.93	4.14	5.40	2.15	5.31	3.70	2.30	1.55	2.45	6.68	40.74
75	1.65	1.28	2.65	4.48	3.69	2.80	3.01	5.71	3.96	1.48	4.28	2.45	37.44
76	1.87	1.49	2.51	1.65*	3.18	2.72	4.91	2.20	3.78	1.64	3.06	3.94	*32.95
77	3.09	2.53	3.01	2.71	6.08	4.02	6.48	6.34	2.44	5.27	2.36	4.53	48.86
78	2.27	2.44	2.63	1.48	.96	7.42	2.41	5.63	4.61	5.58	1.64	2.85	39.92
79	3.61	.32	1.61	1.70	1.84	4.24	4.41	2.29	2.30	2.34	1.83	2.54	29.03
80	2.42	1.72	3.61	3.43	5.66	4.03	3.60	5.96	5.56	2.11	3.58		
MEAN	2.662	2.610	2.513	2.519	3.073	3.492	4.066	4.342	3.825	3.356	3.353	3.351	39.432
S D	1.172	1.234	1.354	.968	1.472	1.659	1.255	1.960	1.663	1.577	1.286	1.335	5.920
TOTAL OBS	896	817	899	77	896	869	894	894	868	897	869	898	10566

NOTE * (BASED ON LESS THAN FULL MONTHS)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

OFFICE OF HYDROLOGY, WASH DC
WATER RESOURCES DIVISION
AT WASHINGTON, DC 20506

STATION NAME

STATION NAME

YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
			01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	14.4	15.4	15.4	14.5	8.9	3.0	2.7	2.0	1.6	.4				47.4	899	23.6	46.2	3.4
FEB	12.4	13.4	17.1	5.7	3.2	2.1	2.4	2.3	.4	.1				47.3	816	24.2	47.1	2.1
MAR	11.4	12.8	11.4	3.8	4.2	1.6	1.6	1.6	.3					37.3	897	27.4	52.3	3.6
APR	16.4	6.4	2.2	3.4	2.7	1.1	.7	.5						19.0	870	3.4	21.0	TRACE
MAY	3.4	.9	.6	.3	.1	.1	.1							2.1	897	1.0	11.1	.5
JUN	.1	.1												.1	870	TRACE	.1	.1
JUL															899	.0	.0	.0
AUG															895	.0	.0	.0
SEP	.2	.2	.2											.5	870	TRACE	1.3	.1
OCT	12.1	2.1	1.8	.8	.1	.2	.1	.2	.1					5.5	899	7.5	12.6	.0
NOV	25.4	11.5	7.0	3.1	1.6	1.2	.9	.6	.2					28.0	869	10.2	32.6	.4
DEC	26.3	29.1	16.3	10.7	7.8	3.6	2.1	1.8	1.8	.6	.1			44.7	898	24.4	58.1	2.5
ANNUAL	67.6	13.6	6.5	5.7	2.5	1.5	.9	.8	.7	.2	.1			18.9	10591	14.7		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES SNOWFALL

FROM DAILY OBSERVATIONS

14623 LORING AFB ME
STATION STATION NAME

50-79
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												5.5	
51	10.0	9.4	4.0	.6	.2	.0	.0	.0	.0	.8	15.0	7.0	15.0
52	3.9	19.0	3.1	4.0	TRACE	.0	.0	.0	.0	3.5	2.3	4.6	19.0
53	8.0	5.2	13.6	8.2	.0	.0	.0	.0	.0	.7	.4	4.2	13.6
54	4.8	12.2	4.9	2.6	TRACE	.0	.0	.0	.0	.2	4.3	6.8	12.2
55	5.0	10.7	9.1	TRACE	.0	.0	.0	.0	.0	1.1	1.5	4.2	10.7
56	12.6	4.2	8.3	2.3	.1	.0	.0	.0	.0	.6	3.9	9.0	12.6
57	3.3	7.3	3.1	1.8	.3	.0	.0	.0	TRACE	.2	2.7	3.6	7.3
58	6.5	7.7	3.9	2.9	.0	.0	.0	.0	.0	TRACE	5.2	6.4	7.7
59	5.0	10.9	10.1	1.0	TRACE	.0	.0	.0	TRACE	7.8	3.4	6.8	10.9
60	8.2	9.0	5.6	4.6	.0	.0	.0	.0	.0	TRACE	.5	3.6	9.0
61	5.5	9.2	10.4	3.9	.7	.0	.0	.0	.0	5.7	2.7	3.9	10.4
62	2.7	3.3	2.6	5.2	TRACE	.0	.0	.0	.0	7.1	1.5	12.3	12.3
63	10.9	6.6	6.6	4.8	.3	.0	.0	.0	.6	10.5	4.6	2.1	10.9
64	4.2	2.5	7.5	3.9	.0	.2	.0	.0	TRACE	1.4	6.6	17.2	17.2
65	9.0	5.6	3.4	1.9	.0	.0	.0	.0	.0	1.6	8.7	5.4	9.0
66	8.9	5.2	4.1	3.5	4.0	.0	.0	.0	.0	.6	2.7	10.5	10.5
67	11.9	6.4	8.0	1.0	5.5	.0	.0	.0	.0	TRACE	2.5	7.2	11.9
68	5.6*	.6*	7.1	.1	.0	.0	.0	.0	.0	.0	.7	2.1	* 7.1
69	1.1	1.1	.5	.2	TRACE	.0	.0	.0	.0	.1	2.3	10.0	10.0
70	2.3	4.7	3.1	6.6	TRACE	.0	.0	.0	.0	4.1	3.0	3.7	6.6
71	2.1	3.5	5.4	3.0	TRACE	.0	.0	.0	.0	TRACE*	8.1*	4.6	* 8.1
72	5.7	8.8	9.2	3.1	TRACE	.0	.0*	.0	.0	1.6	4.5	15.3	15.3
73	7.8	6.0	3.3	7.3	.0	.0	.0	.0	TRACE	TRACE	4.4	6.6	7.8
74	9.9	3.7	10.1	4.7	2.0	.0	.0	.0	.1	.4	15.2	4.8	15.2
75	10.0	3.1	8.3	9.1*	.0	.0	.0	.0	.0	TRACE	8.0	12.9	12.9
76	7.4	9.1	12.5	.5	TRACE	.0	.0	.0	.0	2.0	6.0	5.5	12.5
77	13.3	8.0	8.5	2.2	TRACE	.0	.0	.0	.0	TRACE	4.0	7.1	13.8
78	9.8	2.0	3.4	5.0	1.8	.0	.0	.0	.0	TRACE	4.0	6.7	9.8
79	5.5	5.4	2.1	2.2	TRACE	.0	.0	.0	.0	.5	1.5		
MEAN	6.94	6.78	6.24	3.32	.55	.01	.00	.00	.02	1.74	*.36	6.97	11.50
S.D.	3.347	3.752	3.397	2.413	1.330	.036	.000	.000	.112	2.737	3.668	3.778	3.085
TOTAL OBS	899	818	897	870	897	870	899	895	870	899	869	898	10581

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

14623 LORING AFB ME
STATION STATION NAME

50-79
YEARS

FROM DAILY OBSERVATIONS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A.L MONTHS
50												15.7	
51	20.9	34.2	12.5	.6	.2	.3	.0	.0	.0	.8	24.2	26.3	119.7
52	19.6	43.2	6.7	5.3	TRACE	.0	.0	.0	.0	5.4	3.7	9.8	93.7
53	14.9	19.9	32.1	17.0	.0	.0	.3	.0	.0	.7	.4	12.5	97.5
54	21.3	27.8	9.0	3.1	TRACE	.3	.0	.0	.0	.2	8.6	39.1	109.7
55	33.6	33.6	33.2	TRACE	.0	.0	.0	.0	.0	1.1	6.0	12.3	119.8
56	32.6	14.4	16.7	3.3	.1	.0	.0	.0	.0	.6	8.7	28.9	105.0
57	12.6	24.0	11.6	6.2	.6	.0	.0	.0	TRACE	.2	5.7	22.2	83.1
58	33.7	47.1	16.6	5.6	.0	.0	.0	.0	.0	TRACE	22.3	20.9	146.2
59	23.6	28.7	51.3	2.0	TRACE	.0	.0	.0	TRACE	12.6	12.6	19.7	150.5
60	32.4	42.2	23.2	12.1	.0	.0	.0	.0	.0	TRACE	1.3	19.0	130.2
61	16.2	28.3	35.4	19.8	.8	.0	.0	.0	.0	6.0	5.8	10.6	124.9
62	7.8	14.6	6.1	13.6	TRACE	.0	.0	.0	.0	12.4	5.9	30.0	90.6
63	26.4	27.8	20.7	10.5	.3	.0	.0	.0	1.3	12.6	9.2	10.0	118.8
64	20.2	11.3	22.9	9.6	.0	.2	.0	.0	TRACE	2.8	15.1	47.7	129.8
65	27.9	16.9	7.3	6.3	.0	.0	.0	.0	.0	1.7	32.6	18.4	111.1
66	40.3	23.7	21.2	6.6	8.5	.0	.0	.0	.0	1.0	4.8	28.8	134.9
67	30.1	28.6	12.7	1.0	11.1	.0	.0	.0	.0	TRACE	6.5	22.6	112.6
68	26.4*	2.0*	18.8	.1	.0	.0	.0	.0	.0	.0	3.5	8.5	* 59.3
69	4.2	5.1	3.6	.5	TRACE	.0	.0	.0	.0	.2	3.4	24.2	41.2
70	3.4	14.6	13.2	11.1	TRACE	.0	.0	.0	.0	5.1	9.7	23.7	80.8
71	10.4	10.9	26.2	10.4*	TRACE	.0	.0	.0	.0	TRACE*	22.3*	22.9	*103.1
72	13.9	24.9	52.3	9.8	TRACE	.0	.0*	.0	.0	1.8	12.1	58.1	*172.9
73	21.0	28.8	9.2	17.6	.0	.0	.0	.0	TRACE	TRACE	12.8	25.7	115.1
74	20.9	15.3	22.4	14.0	2.4	.0	.0	.0	.1	.8	28.5	11.9	116.3
75	35.4	14.5	28.3	21.0*	.0	.0	.0	.0	.0	TRACE	9.4	32.9	*141.5
76	25.7	31.6	26.5	1.1	TRACE	.0	.0	.0	.0	4.5	13.2	35.4	138.0
77	46.2	43.2	25.2	6.7	TRACE	.0	.0	.0	.0	TRACE	7.9	31.3	160.5
78	41.7	6.1	18.4	17.7	1.8	.0	.0	.0	.0	TRACE	9.1	37.0	131.8
79	19.7	15.6	6.7	11.5	TRACE	.0	.0	.0	.0	1.0	3.7		
MEAN	23.62	24.18	20.40	8.41	.96	.01	.00	.00	.05	2.47	10.24	24.42	115.08
S.D.	10.849	11.471	12.540	6.377	2.638	.036	.000	.000	.241	3.900	7.960	11.988	25.757
TOTAL OBS.	899	818	897	870	897	870	899	895	870	899	869	898	10581

NOTE * (BASED ON LESS THAN FULL MONTHS)

2

FEDERAL CLIMATOLOGY BRANCH
WASH DC
ATLANTIC SLOVIA/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

20 CINCINNATI APR 75 5-75
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0.4	05 1.4	15 2.4	25 3.4	35 4.4	45 6.4	65 10.4	105 15.4	155 25.4	255 50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN			8.1	1.1	3.7	8.1	17.3	50.1	11.4	3.3				98.7	593			
FEB			1.3	1.5	2.3	6.8	18.1	36.1	21.6	7.4	2.8	1.1		99.9	519			
MAR			3.7	3.3	4.1	11.0	15.8	29.1	21.7	4.4	1.4	.3		94.7	599			
APR	10.5	10.2	7.6	5.2	3.3	2.5	9.3	10.6	.7					45.2	570			
MAY	12.9	5.7	.6	.4	.2	.2								1.4	597			
JUN	10.														873			
JUL	10.7														598			
AUG	10.1														597			
SEP	99.3	.2													870			
OCT	14.1	2.1	1.7	.6	.1	.8	.4	.2						3.6	599			
NOV	14.1	10.5	10.5	6.3	5.5	6.9	4.4	.9	.5					34.9	870			
DEC	8.8	3.9	6.3	11.1	6.3	17.7	23.6	19.7	2.9					57.7	899			
ANNUAL	57.5	3.5	2.9	2.4	2.1	5.1	7.4	12.2	4.0	1.3	.5	.1		35.9	10536			

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES SNOW DEPTH

14623 LORING AFB ME

50-79

FROM DAILY OBSERVATIONS

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												11	
51	15	27	31	2	0	0	0	0	0	1	17	21	31
52	30	62	62	9	0	0	0	0	0	2	3	8	62
53	11	13	27	11	0	0	0	0	0	5	TRACE	9	27
54	18	37	11	7	0	0	0	0	0	TRACE	5	27	37
55	50	53	37	19	0	0	0	0	0	1	2	9	53
56	21	21	14	6	TRACE	0	0	0	0	1	3	21	21
57	23	21	24	2	TRACE	0	0	0	0	TRACE	3	11	24
58	21	68	61	4	0	0	0	0	0	0	11	19	68
59	22	35	38	9	0	0	0	0	0	3	5	9	38
60	45	35	31	7	0	0	0	0	0	0	1	9	45
61	29	38	53	36	3	0	0	0	0	5	2	5	53
62	5	10	10	9	0	0	0	0	0	7	3	24	24
63	34	36	33	12	TRACE	0	0	0	TRACE	8	7	6	36
64	18	7	12	10	0	0	0	0	0	0	10	17	18
65	19	18	16	3	0	0	0	0	0	0	20	24	24
66	35	38	31	14	4	0	0	0	0	0	5	25	38
67	30	37	36	17	4	0	0	0	0	0	3	15	37
68	27	21	23	2	0	0	0	0	0	0	12	26	27
69	43	43	30	18	0	0	0	0	0	2	4	22	43
70	5	10	8	8	0	0	0	0	0	4	3	24	24
71	24	24	34	21	*TRACE	0	0	0	0	0	9	23	34
72	30	26	43	21	TRACE	0*	0*	0	0	1	4	35	43
73	27	38	39	15	TRACE	0	0	0	0	0	7	8	39
74	19	20	18	13	2	0	0	0	0	TRACE	25	23	25
75	25	24	29	24	*TRACE	0	0	0	0	0	9	19	29
76	26	30	36	6	0	0	0	0	0	20	6	25	36
77	47	62	49	17	TRACE	0	0	0	0	0	4	20	62
78	23	17	17	21	1	0	0	0	0	0	8	27	27
79	20	20	17	7	0	0	0	0	0	0	TRACE	3	
MEAN	25.3	30.7	30.0	12.1	.5	.0	.0	.0	TRACE	2.1	6.7	18.0	36.7
S D	11.144	15.636	14.485	7.910	1.221	.000	.000	.000	.000	4.122	5.782	7.919	14.144
TOTAL OBS	898	819	899	870	897	870	898	897	870	899	870	899	10586

NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the near wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARIABLE.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

2

SURFACE WINDS

14023 LOPING AFB ME
STATION STATION NAME

56-79

45495

(

1

5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19823
STATION

LOPING AFB ME
STATION NAME

77-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1000-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.3	1.7	.5								6.0	5.8
NNE	.9	1.7	.1	.1								2.8	4.4
NE	1.2	.8	.2	.1								2.3	4.2
ENE	1.3	.5		.1								1.9	3.7
E	2.2	.8	.3	.5	.1							3.9	5.1
ESE	.8	.1	.1	.1	.2	.2						1.7	5.8
SE	.8	.4	.3	.2								1.7	5.2
SSE	.5	1.1	.8	.8	.1							3.2	6.7
S	.5	1.7	2.2	1.9	.2							5.7	8.6
SSW	1.2	1.3	1.9	.8	.1							5.3	6.9
SW	1.3	1.9	1.1	.1	.1	.1						4.5	6.1
WSW	.9	2.5	1.1	.6								5.1	6.1
W	1.5	4.2	3.5	2.4	.2							11.8	7.6
WNW	1.1	2.6	1.9	1.4	.4							7.4	7.9
NW	.6	2.6	4.2	3.0	.3	.2						12.8	9.2
NNW	1.9	2.7	2.9	2.2								9.7	7.4
VARBL													
CALM												15.1	
	18.3	27.3	22.1	14.9	1.8	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
SAFETY
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14023 STATION LOUIS AFB ME 70-79 YEAR 1970
STATION NAME YEARS MONTH NORTH
ALL WEATHER CLASS 1300-0600
CONDITION SOURCE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	1.5	.8								6.0	5.1
NNE	.8	.4	.8	.4								2.4	6.6
NE	.9	.8										1.6	3.4
ENE	1.3	.4	.3									1.7	4.1
E	2.5	1.1	.2	.2								4.0	3.5
ESE	.6	.9	.5	.2	.1	.1						2.5	7.1
SE	.9	.4	.1	.3								1.7	4.9
SSE	.6	.4	.3	.8	.3	.2						2.7	10.2
S	1.8	1.7	1.9	1.7	.2							7.4	7.6
SSW	1.0	2.0	1.7	.8								5.5	6.7
SW	.5	2.6	1.0	.2	.4							4.7	6.9
WSW	.5	1.9	1.9	.5								4.9	6.9
W	1.8	4.1	2.4	1.9	.1	.1						10.2	7.5
WNW	1.2	2.6	2.0	1.7	.3							7.8	8.0
NW	1.4	2.6	4.2	1.7	.3	.1	.1					12.4	8.1
NNW	1.1	3.1	2.3	2.4	.1	.1						9.0	6.0
VARBL													
CALM												17.3	
	17.7	27.2	21.2	13.7	2.2	.6	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14 23 LORING AFB ME 70-79 JAN NORTH
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CREDIT OR

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	1.5	.3								3.3	5.9
NNE	.9	.9	.8	.1								2.8	5.1
NE	.2	1.1	.2	.2								1.6	6.2
ENE	.8	.4	.3									1.5	4.3
E	2.6	1.1	.6	.1								4.4	4.5
ESE	.5	.9	.5	.2								2.3	5.3
SE	.4	.4	.4	.1								1.4	6.2
SSE	.2	.9	.5	.8	.4	.1						2.9	10.6
S	1.1	1.9	1.4	1.2	.5	.3	.1					5.6	9.3
SEW	.5	1.8	1.6	.6	.1		.1					4.8	7.6
SW	.8	2.6	1.7	.3								5.4	6.2
WSW	1.1	1.5	1.7	.5	.1							4.9	6.7
W	1.7	3.4	3.7	1.6	.6							11.3	7.6
WNW	1.5	3.3	2.4	1.2	.1							8.5	6.9
NW	1.4	2.6	3.1	2.7	.4	.1						10.3	8.6
NNW	1.9	1.7	3.5	2.0	.3	.2	.1					9.9	5.5
VAREL													
CALM												16.3	
	17.1	26.7	24.1	12.0	2.7	.6	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-23 STATION NAME LORING AFB VC YEARS 77-79 MONTH JAN
ALL WEATHER CLASS 900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.5	1.7	1.1								4.1	7.5
NNE	.1	.8	.5	.1								1.7	7.1
NE	.4	1.1	.8									2.3	5.7
ENE	.3	.9	.2	.3								1.7	5.1
E	1.5	.9	.5	.2								3.1	4.6
ESE	1.0	1.5	.1	.3								2.9	5.7
SE	1.7	.6	.2	.1								2.5	4.1
SSE	.9	1.7	.6	.9	.7							3.7	6.5
S	1.3	1.2	2.6	1.3	.8	.2	.2	.1				9.7	9.7
SSW	.9	2.3	2.4	1.2	.5							8.5	6.2
SW	.3	1.3	1.2	.8								3.7	6.1
WSW	1.2	1.5	1.8	.9	.3	.1						5.9	6.2
W	1.5	2.8	3.4	2.5	.5							11.2	7.9
WNW	1.7	2.5	2.3	2.6	.5	.5						10.1	9.9
NW	.8	1.7	2.7	4.6	1.2	.1						11.1	11.1
NNW	1.4	1.2	4.7	2.9	.5	.1						10.1	9.5
VARB													
CALM												5.6	
	15.4	24.5	25.9	19.4	9.5	1.1	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 535

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14 23
STATION

LOPING AFB ME
STATION NAME

70-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1270-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	.9	.8								3.1	7.2
NNE	.2	.5	1.1	.5	.1							2.5	8.7
NE	.5	1.4	.5									2.5	5.0
ENE	.4	.3	.5	.2								1.5	6.6
E	.8	.6	.5	.5								2.5	6.3
ESE	1.1	1.1	.2									2.3	4.0
SE	.8	.4	.3	.1								1.6	5.1
SSE	.4	1.3	.5	1.3	.4	.2						4.2	10.5
S	1.1	3.2	3.1	2.9	.6		.1					11.1	9.0
SSW	.3	1.8	1.6	1.2								4.9	7.8
SW	.9	1.5	1.2	1.0	.1							4.6	7.2
WSW	1.0	1.4	1.3	1.3	.5	.1						5.6	8.7
W	1.6	2.6	3.2	3.0	.8							11.2	9.0
WNW	.5	1.9	3.5	3.9	1.0	.5						11.4	11.0
NW	.8	1.1	5.2	6.9	2.7	.8						16.7	12.0
NNW	1.0	1.8	2.7	2.4	.5	.2						8.6	9.6
VARBL													
CALM												5.8	
	11.7	22.0	26.5	25.9	6.1	1.8	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-23 STATION NAME LORING AFB ME YEARS 70-79 MONTH JAN
 CLASS ALL WEATHER
 CONDITION 15.3-17.1
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	.5	.9	.3							4.5	7.2
NNE	.6	.6	.9	.1								2.3	6.1
NE	.2	.8	.5									1.5	5.8
ENE	.3	.3	.3	.3								1.3	7.3
E	1.0	.4	.6	.4	.1							2.6	6.8
ESE	.9	.6	.3	.1								1.9	4.4
SE	1.7	.3	.3									2.4	3.5
SSE	1.0	1.4	1.3	1.5	.2	.5						5.9	9.4
S	1.8	2.6	2.6	1.4	.1							6.5	7.1
SSW	.5	.6	1.3	1.1	.1							3.7	6.7
SW	.5	.6	1.4	.6	.1	.1		.1				3.5	9.5
WSW	.5	1.2	2.5	1.6	.1	.1						6.2	9.2
W	.8	2.3	3.3	1.7	.8	.1						3.9	9.3
WNW	.3	1.7	3.2	2.6	.4	.6						8.9	10.6
NW	.6	2.9	3.2	4.8	1.1	.1						12.2	10.3
NNW	1.9	3.4	3.1	3.1	.4	.1						12.2	8.2
VARBL													
CALM												13.0	
	14.2	21.4	25.5	20.3	3.8	1.7		.1				130.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-623 LORING AFB ME

7-79

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.4	.9	.9	.2							6.8	6.0
NNE	.3	1.3	.9	.2								2.7	6.3
NE		.3	.6	.4								1.4	9.2
ENE	.6	.1	.3									1.1	4.3
E	1.2	.2	.6	.5		.1						2.7	7.2
ESE	.9	.4	.2	.2								1.7	4.5
SE	1.7	1.1	.2									3.0	3.4
SSE	1.1	.3	.9	1.0		.3						3.5	9.2
S	1.0	1.6	1.8	2.3		.2	.1					7.0	9.6
SSW	.5	1.1	.9	.9								3.3	7.3
SW	.5	1.1	1.8	1.3								4.8	6.0
WSW	.6	2.5	2.4	1.6	.1							7.3	7.7
W	1.0	2.3	3.5	2.3	.6	.3						10.0	9.4
WNW	.8	1.6	2.3	2.4	.3							7.2	9.4
NW	1.3	1.5	3.0	3.4	1.0							10.2	9.8
NNW	1.7	4.6	2.7	1.4	.2							10.6	6.8
VARBL													
CALM												16.7	
	15.9	22.4	22.8	19.7	2.5	1.0	.1					105.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14523 STATION LORING AFB ME 70-79 YEARS JAN MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	1.1	.2	.2							5.1	5.6
NNE	1.1	1.4	.9	.2								3.5	5.4
NE	.5	.5	.3	.1								1.5	5.4
ENE	.5		.1	.1								.9	4.6
E	1.7	.1	.1	.8		.1						2.6	6.2
ESE	1.3	1.3	.2	.2	.1	.1						3.2	5.5
SE	.6	.5	.1									1.3	3.7
SSE	.8	.4	.4	1.4	.2							3.2	9.4
S	1.2	2.2	2.5	1.8	.4		.2					5.3	8.9
SSW	.2	1.4	1.2	.5	.1							3.4	7.8
SW	1.2	.5	2.4	.4								6.5	6.3
WSW	.6	2.9	1.7	1.1		.1						6.5	7.3
W	1.4	3.1	2.4	1.3	.1	.1						8.4	7.3
WNW	.8	3.5	2.7	2.3	.6	.1	.2					10.2	9.2
NW	1.0	1.2	3.7	2.5	.9	.1						9.2	9.7
NNW	1.8	2.7	3.2	2.5	.2							10.4	7.7
VARBL													
CALM												14.5	
	16.1	27.1	22.9	15.4	2.9	.6	.4					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14:23 LORING AFB ME 78-79 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS

CONDITION

ALL

HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	1.2	.7	.1							5.4	6.3
NNE	.6	1.3	.8	.2	.1							2.6	5.1
NE	.5	.8	.4	.1								1.8	5.5
ENE	.7	.4	.3	.1								1.5	5.1
E	1.7	.6	.5	.4	.1	.1						3.2	5.3
ESE	.9	.9	.3	.2	.1	.1						2.3	5.5
SE	1.2	.5	.3	.1								1.9	4.3
SSE	.7	.8	.7	1.0	.3	.2						3.7	9.5
S	1.3	2.3	2.2	1.8	.4	.1	.1	.0				8.1	8.6
SSW	.6	1.5	1.6	.9	.1		.0					4.7	7.6
SW	.8	1.8	1.5	.6	.1	.0		.0				4.7	6.9
WSW	.3	1.9	1.8	1.0	.1	.1						5.8	7.7
W	1.4	3.1	3.2	2.1	.5	.1						10.4	8.2
WNW	.9	2.5	2.6	2.2	.5	.2	.0					8.9	9.3
NW	1.0	2.0	3.6	3.7	.9	.2	.0					11.5	10.0
NNW	1.6	2.7	3.1	2.4	.3	.1	.0					10.1	8.2
VARBL													
CALM												13.4	
	15.2	24.8	23.9	17.5	3.3	1.0	.2	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14623 STATION LORING AFB ME 70-79 YEARS FEB MONTH 1900-1920 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	1.9	.5								5.6	6.3
NNE	.7	1.4	.4	.2								2.7	5.7
NE	.6	1.4	1.2									3.2	5.6
ENE	1.1	.4	.6	.4								2.4	5.0
E	2.2	2.4	.7									5.1	4.1
ESE	.5	.6	.1									1.2	4.1
SE	.4	.4	.2	.1								1.1	5.7
SSE	.4	1.1	.9	.7	.2							3.3	6.9
S	.6	2.2	3.0	1.1		.1						7.3	7.8
SSW	.7	.5	1.3	1.1	.1							3.7	8.4
SW	1.2	2.4	1.4		.1							5.1	5.7
WSW	1.5	1.7	.7	.2	.1	.1	.1					4.5	6.7
W	2.1	2.5	2.6	1.8	.1	.1	.1					9.3	7.7
WNW	1.4	4.1	3.1	1.7	.2							10.5	7.1
NW	1.8	2.0	3.2	1.7	.6	.7						9.9	9.2
NNW	2.4	2.5	3.3	3.9	.8	.2						15.1	9.1
VARBL													
CALM												12.3	
	18.5	27.5	24.6	13.3	2.4	1.3	.2					120.0	6.4

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAQ

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14123 STATION LORING AFB ME 79-79 YEARS FEB MONTH 0300-0500 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.8	2.3	.5								6.4	5.7
NNE	.9	1.3	.6	.1								3.6	5.0
NE	.8	1.1	.9	.1								3.3	5.6
ENE	1.1	.9	.6	.1								2.7	5.1
E	1.9	1.5	1.3	.1		.2						5.1	5.7
ESE	.9	.2	.1									1.3	3.1
SE	.2	.4	.2	.1								.9	6.6
SSE	.2	.5	.6	.1								1.4	6.3
S	.6	1.3	3.7	2.0	.1							7.7	8.5
SSW	.7	1.5	.7	.1								3.1	5.5
SW	1.2	2.5	1.3	.2	.1							5.3	5.9
WSW	1.3	.9	2.0	.9		.1						5.3	7.6
W	2.6	4.0	3.3	.9	.1	.1						11.1	6.5
WNW	2.4	3.8	2.6	.5								9.2	5.7
NW	1.1	2.4	2.1	2.5	.8	.2						9.1	9.5
NNW	1.8	2.5	2.4	4.7	.7	.2						12.3	9.5
VARBL													
CALM												13.1	
	19.9	26.6	24.5	13.1	1.9	.9						103.6	6.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-123 STATION LORING AFB ME 70-79 YEARS FEB NORTH
ALL WEATHER CLASS 1600-1800 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	1.5	.4								5.9	7.5
NNE	.7	.9	.6	.5								2.7	5.3
NE	.2	1.2	.6	.1								2.7	5.3
ENE	.5	.6	.2	.1								1.4	4.0
E	2.1	1.2	1.2	.2	.1							4.9	5.3
ESE	1.3	.5	.2	.1			.2					2.4	6.5
SE	.7	.5		.2								1.4	4.6
SSE	.6	.5	.5	.1								1.7	5.7
S	1.3	2.1	3.0	1.2	.7							3.3	8.1
SSW	.4	1.4	.7	.5								3.0	6.9
SW	.8	2.5	1.1	.6								5.0	5.1
WSW	.7	1.3	1.8	.7	.1							4.6	7.4
W	2.5	3.1	3.3	1.3	.2							10.4	6.0
WNW	1.7	4.0	2.5	1.1	.2							9.5	6.4
NW	1.2	2.8	1.9	3.8	1.2	.2						11.1	10.1
NNW	2.0	2.0	2.7	3.7	.7	.1						11.2	9.2
VARBL													
CALM												13.9	
	19.1	26.7	21.7	14.5	3.3	.4	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-425 LORING AFB MD 70-79 FEB NORTH
STATION NAME CLASS 1900-1100
CONDITION HOURS (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.7	1.7	.5								3.8	6.7
NNE	.2	.7	.2	.1								1.3	6.0
NE	.5	.7	.3									2.5	5.5
ENE	.6	.6	.5	.2								1.9	5.7
E	1.7	.9	1.2	.4								4.1	5.7
ESE	1.4	.8	.6				.1					3.3	5.4
SE	1.1	.5	.5	.2	.1							2.4	6.0
SSE	.7	1.4	.7	.9	.1							3.9	7.2
S	.9	1.9	3.2	2.4	.7	.2						9.3	9.6
SSW	.1	1.9	1.8	.5	.1							4.4	7.3
SW	.9	1.2	1.3	.2		.3						3.8	6.9
WSW	1.4	.9	1.8	.9	.1							5.2	7.5
W	1.1	2.5	3.7	3.0	.6							11.1	6.7
WNW	1.1	3.2	2.4	1.9	.2	.2						9.6	9.5
NW	.5	2.5	3.2	4.7	1.5	.4						13.5	11.4
NNW	.6	2.2	2.6	6.7	1.9	.6	.1					14.5	12.2
VARBL													
CALM												6.7	
	13.7	22.8	26.0	22.7	5.3	1.5	.2					130.0	6.4

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION LORING AFB ME STATION NAME 70-79 YEARS FEB NORTH
ALL WEATHER CLASS 1213-1470 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	.9	.7								3.2	7.3
NNE	.1	.5	.9	.2								1.8	7.6
NE		.5	.4									.9	6.8
ENE	.4	.6	1.3	.2								2.5	7.4
E	.5	.8	.3	.2								2.3	6.6
ESE	.2	.7	.4	.1								1.4	5.8
SE	.1	.7	.6									1.4	5.2
SSE	.5	2.4	1.4	1.5	.2							6.0	8.2
S	.9	4.7	3.2	2.5	.6	.2						12.2	8.5
SSW	.1	1.1	1.3	.9	.2							3.7	8.8
SW	.6	.5	1.5	.9	.4							3.9	9.2
WSW	.7	.8	1.4	1.9	.1	.1						5.1	9.4
W	1.3	2.5	2.4	3.8	.4							13.3	9.2
WNW	.4	1.3	4.4	3.7	.4	.1						10.2	13.3
NW	.5	1.7	4.8	7.1	1.5	.9						16.5	12.7
NNW	.2	1.9	3.1	4.8	2.4	.7	.1					13.2	12.5
VARBL													
CALM												4.8	
	7.0	21.7	29.3	28.7	6.1	2.1	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14023 LORING AFB ME

70-79

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L & T.)

COMPLETION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	1.1	.4								3.6	5.1
NNE	.6	.2	.9	.1								1.9	1.2
NE	.4	.7	.5	.1								1.7	1.5
ENE	.4	1.1	1.2	.5	.1							3.2	7.6
E	.5	.2	.7	.1								1.5	6.4
ESE	1.2	.5	.5	.1								2.2	4.6
SE	.5	.6	.7	.4								2.5	5.1
SSE	1.9	1.5	1.9	1.2	.2							6.7	7.3
S	.6	2.1	3.3	2.1	.4							8.7	8.6
SSW	.2	1.5	.4	.5								2.7	7.3
SW	.4	.9	.2	.5		.1						2.2	3.5
WSW	.9	.8	2.1	1.3		.1						3.3	8.6
W	.5	1.7	2.5	3.7	.4	.1						8.7	10.4
WNW	.5	2.7	3.4	2.1	.7	.1						8.9	9.5
WY	.4	2.6	5.5	5.4	1.4	.5						16.0	11.2
NNW	.7	3.5	4.6	5.4	1.8	1.1						17.1	11.1
VARBL													
CALM												5.7	
	13.6	21.7	29.6	24.1	5.0	2.1						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

846

JOINT CLIMATE BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19623 LORING AFB ME 70-79
STATION NAME YEARS
ALL WEATHER
CLEAR
CONDITION
FEB
MONTH
1962-2.00
MOSES (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.4	.5								8.5	6.0
NNE	.5	.7	.9									2.1	3.9
NE	.7	.5	.5	.2								1.9	3.6
ENE	.0	1.4	.9	.6								3.9	6.2
E	.4	.6	.2									1.2	4.9
ESE	.5	.5	.6	.1								2.0	5.5
SE	.7	1.1	.6	.2								2.6	5.6
SSE	.5	.8	2.0	.6	.5	.1						4.5	9.3
S	.7	1.3	3.0	1.3	.6	.1						7.0	9.4
SSW	.2	.5	1.1	.7								2.5	3.7
SW	.7	1.2	.7	.4								3.0	6.0
WSW	.9	1.1	1.0	1.1	.1	.1						5.1	8.4
W	.9	2.1	3.0	3.0	.5							9.5	7.0
WNW	.9	2.5	2.8	1.5	.2	.1						8.3	7.9
NW	.5	2.6	3.2	3.1	1.5	.7						11.5	11.2
NNW	1.9	3.9	3.2	4.3	1.1	.2						14.5	9.1
VARBL													
CALM												13.8	
	13.2	22.7	26.8	17.5	4.5	1.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 346

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-23 STATION NAME LOPIRG AFB MO YEARS 70-79
CLASS ALL WEATHER
COADITION

PER MONTH 11-0-000
MEAN WIND SPEED 5.9

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.5	2.2	.2								6.5	5.6
NNE	.5	.7	.5	.1								1.8	5.3
NE	.4	1.7	1.1	.6								3.7	6.0
ENE	.3	.7	.2	.1								1.9	5.5
E	2.2	1.3	.7	.1								4.4	5.0
ESE	.2	1.1	.5	.1								2.5	5.1
SE	.1	.4	.2	.2								.9	5.0
SSE	.8	1.2	.9	.5	.1	.2						3.6	7.0
S	.7	1.4	1.5	2.7	.3	.2						7.4	10.4
SSW	.7	.7	.8	.6	.1							3.3	7.6
SW	.3	1.7	.6	.2								3.3	5.6
WSW	.5	2.7	1.5	.5	.4	.1						5.9	7.2
W	1.8	3.1	2.5	2.5	.5							10.7	6.1
WNW	1.3	2.4	2.2	1.2	.6							7.7	7.9
NW	.7	2.9	3.9	2.4	1.9	.4						12.1	10.0
NNW	2.4	3.1	3.9	3.1	.7							13.1	6.3
VARBL													
CALM												11.5	
	16.3	27.3	23.4	15.2	5.2	.9						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 856

JOINT CLIMATE CENTER
 WASHINGTON, D.C.
 17-10-1-1 SERVICEMAN

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NO. 23 STATION NAME WIKING AFB ME YEAR 70-71 FEET 200
 CLASS ALL WEATHER
 CONDITION ALL
 NUMBER (U.S.T.) 111

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	1.3	1.7	1.7	.5								1.2	2.7
NNE	.1	.7	.5	.2								2.2	.3
NE	.1	1.7	.7	.1								2.4	5.9
NNE	.7	.8	.7	.3	.1							2.5	6.7
E	1.4	1.1	.9	.1	.1	.1						3.5	6.2
ESE	.6	.6	.4	.1			.1					2.8	5.2
SE	.5	.5	.4	.2	.1							1.7	2.9
SSE	.7	1.2	1.1	.7	.2	.1						3.9	7.9
S	.8	2.1	3.2	1.9	.3	.1						5.3	8.9
SSW	.4	1.1	1.7	.6	.1							3.2	7.7
SW	.2	1.6	1.7	.8	.1	.1						3.9	8.6
WSW	1.7	1.3	1.6	1.3	.1	.1	.1					5.1	7.9
W	1.6	2.7	2.5	2.5	.2	.1	.2					12.1	8.2
WNW	1.2	2.9	2.9	1.7	.4	.1						9.2	8.2
NW	.2	2.4	3.5	3.8	1.3	.5						12.4	10.8
NNW	1.5	2.7	3.2	4.6	1.3	.4	.2					13.7	12.2
VARS													
CALM												10.4	
	14.8	24.6	25.7	18.5	6.3	1.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 6767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13 LORING AFB ME 77-79 MAC
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.9	1.3	.5								3.3	5.4
NNE	.5	1.0	1.0	.2								2.8	5.8
NE	1.4	.9	1.5									3.8	5.6
ENE	.6	1.0	1.0	.5								2.9	6.2
E	1.7	.9	.9	.3								3.8	5.2
ESE	.5	.3	.4	.1								1.4	5.4
SE	1.1	1.2	.2									2.5	4.3
SSE	.8	.8	.8	.8	.1							3.1	7.4
S	.4	2.2	4.7	3.5	.4							11.3	7.6
SSW	.9	.9	.6	.5	.1							3.0	6.8
SW	1.1	1.1	.5									2.7	4.5
WSW	.6	.9	1.0	.5								3.0	7.1
W	1.0	2.9	1.9	.4	.3							6.6	6.9
WNW	.9	2.3	3.1	1.3	.2	.2						7.6	8.0
NW	.9	1.5	4.5	3.9	1.7	.5						13.0	11.1
NNW	1.5	2.0	4.2	3.1	1.4	.5						12.8	10.1
VARBL													
CA'M												13.4	
	16.6	21.5	27.6	15.3	4.3	1.3						170.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14023
STATION

LORING AFB ME
STATION NAME

7"-79
YEARS

11 12
MONTH

ALL WEATHER
CLASS

1300-1500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	3.0	.3	.1							7.4	6.2
NNE	1.4	1.1	.5									3.0	4.4
NE	.4	1.4	1.3									3.1	5.1
ENE	.6	.9	.6									2.2	5.3
E	2.2	.6	1.2	.6								4.5	5.7
ESE	.3	.6	1.0	.5								2.5	7.9
SE	.6	.5	.4									1.7	4.9
SSE	.9	1.2	.8	.6								3.4	6.4
S	.5	2.3	4.1	3.1	.1	.1						10.2	9.0
SSW	.5	1.1	1.3	.5	.2							3.7	7.9
SW	.9	1.5	.6	.2								3.2	5.3
WSW	.6	1.2	1.0	.1								2.9	5.7
W	1.5	1.9	1.7	1.4	.3							6.9	7.5
WNW	.4	1.6	2.2	1.4	.5							6.1	9.2
NW	.8	1.3	2.8	4.0	1.6	.2						10.6	11.5
NNW	1.0	2.2	4.7	2.9	1.4							12.0	9.7
VARBL													
CALM												16.3	
	13.9	22.2	27.2	15.8	4.3	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
CAPTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-23 STATION WOPING AFB ME 70-79 YEARS MAR MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	3.2	1.3	.1							7.5	6.9
NNE	.6	1.4	.6									2.9	5.3
NE	.2	1.2	1.1	.2								2.7	5.6
ENE	.9	.6	.6	.2								2.4	5.6
E	1.4	.9	1.1	.4								3.7	5.7
ESE	1.1	1.5	.5	.8								3.8	6.3
SE	.4	.9	.2	.2								1.6	5.3
SSE	.3	.5	1.2	1.6								3.8	9.3
S	1.0	1.8	3.1	3.5	.2							11.6	9.0
SSW	.4	.5	1.6	1.2	.1							3.9	9.3
SW	.5	1.1	2.0	.1								4.0	6.5
WSW	.5	.3	1.0	.4								2.7	6.8
W	1.1	1.8	1.6	1.6	.2							6.3	8.0
WNW	.5	1.3	1.9	2.7	.3	.1						6.9	10.0
NW	.5	.6	3.4	4.0	1.8	.2						10.6	12.2
NNW	.9	2.7	4.0	3.5	1.1	.3						12.5	9.9
VARBL													
CALM												13.2	
	12.0	19.2	29.5	21.4	4.0	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23 STATION LORING AFB ME 70-79 YEARS MAC MONTH 0900-1100 HOURS (L.S.T.)

STATION NAME CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.3	3.8	1.8	.3	.1						8.6	8.9
NNE	.3	.8	1.5	.1								2.7	7.1
NE	.2	.5	1.2	.1								2.0	7.3
ENE	.3	1.1	1.7	.1								3.1	7.7
E	.9	1.3	.5	.3								3.0	8.6
ESE	.4	1.5	.6									2.6	8.2
SE	.5	1.3	.4	.1								2.4	8.7
SSE	1.5	1.4	.8	1.0	.1							4.7	8.3
S	1.4	2.3	5.4	4.1	1.1							14.2	9.6
SSW	.3	1.2	2.4	.8								4.6	8.2
SW	.6	1.4	1.3	.5								3.9	8.9
WSW	.6	.6	1.3	1.2	.2							4.0	8.9
W	.5	.6	1.6	2.3	.3							5.4	10.1
WNW	.5	.5	1.6	1.8	1.3	.1						5.9	11.5
NW	1.1	.6	4.3	6.5	1.9	1.6						16.0	12.8
NNW	.6	1.0	4.3	3.0	1.0	.8						10.6	11.0
VARBL													
CALM												6.2	
	10.3	18.3	32.7	23.7	6.2	2.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23 LORING AFB ME 70-79 1142
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	2.7	2.7								5.6	9.1
NNE	.5	1.2	.3	.4								2.7	5.6
NE	.4	.4	.6	.2	.1							1.8	7.5
ENE	1.1	1.1	.2	.3								2.5	5.6
E	.6	1.4	.9	.2								3.1	5.7
ESE	.5	.5	.3									1.6	4.6
SE	.6	.6	.6									1.9	5.1
SSE	.6	1.3	1.3	1.2	.1							4.5	6.1
S	2.2	4.5	4.3	5.4	.6	.1						17.1	8.9
SSW	.2	.6	1.7	1.2	.1							3.7	9.7
SW	.4	.9	1.3	.8	.1							3.4	8.1
WSW	1.1	.2	1.4	1.2	.2	.1						4.1	9.3
W	.4	1.2	2.3	2.7	.6							7.3	10.7
WNW	.5	.6	2.3	3.1	1.3	.1						7.7	11.8
NW	.8	1.3	3.9	4.9	3.2	.9						14.6	13.1
NNW	.5	1.8	4.5	4.1	1.6	.6						13.2	11.1
VARBL													
CALM												4.2	
	11.3	18.8	28.4	27.7	8.1	1.8						120.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1423 LOOKING AFB ME STATION NAME 70-79 YEARS MAP
MONTH 1500-1700
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	2.9	1.9	.3							6.5	8.4
NNE	.1	1.1	.1	.4								1.7	7.1
NE	.6	1.3	.4									2.4	4.7
ENE	.6	.6	.8									2.0	5.2
E	.9	1.3	1.7	.1	.1	.1						3.4	6.6
ESE	.5	.4	.5									1.5	5.2
SE	1.1	.8	.4	.1								2.4	4.5
SSE	1.8	1.6	2.5	1.2	.1							7.2	7.2
S	1.2	3.4	4.6	3.4	.5	.3						13.4	9.5
SSW	.4	.4	1.0	.5								2.4	7.9
SW	.1	1.2	.6	.5								2.6	7.4
WSW		1.0	1.5	.5	.4							3.4	9.8
W	.4	1.3	2.5	2.8	.5							7.2	10.5
WNW	.2	1.3	2.2	2.2	.6	.4						7.0	11.5
NW	.3	1.4	4.1	5.1	3.1	.4	.1					14.5	12.9
NNW	.6	2.3	5.1	5.3	1.5	.4						15.2	11.0
VARBL													
CALM												5.2	
	18.1	21.3	30.1	24.1	7.4	1.7	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14623

LOPING AFB ME

70-79

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2100

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.3	2.2	1.2								9.8	5.8
NNE	.9	.5	.5									1.9	4.8
NE	.3	.9	.5	.3								2.3	5.1
ENE	.6	1.3	.6			.1						2.4	6.1
E	1.1	1.1	.6			.2						3.2	6.5
ESE	1.1	.5	.2	.1								1.8	4.7
SE	1.2	.8	.1	.2								2.3	4.5
SSE	1.6	1.4	1.9	.9	.1							5.9	6.7
S	1.2	1.5	3.7	2.4	.4	.1						8.6	9.2
SSW	.5	1.6	1.2	.8	.1							3.5	7.9
SW	.6	.6	1.7	.2								2.5	5.3
WSW	.5	1.3	.5		.1							2.5	5.9
W	1.2	1.6	3.5	1.8	.1							8.3	8.0
WNW	.5	1.7	.8	1.5	.9	.2						5.6	10.4
NW	.5	1.4	3.5	5.2	1.6	.1						12.4	11.5
NNW	1.8	4.7	4.4	4.4	1.4	.4						16.5	9.4
VARBL													
CALM												13.9	
	17.0	22.6	24.7	18.9	4.7	1.2						130.0	7.3

TOTAL NUMBER OF OBSERVATIONS

930

CLIMATE CLIMATOLOGY STATION
 LOCATION
 AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-023
 STATION

LONGING AFB ML

STATION NAME

70-79

YEARS

MAG

MORTH

ALL WEATHER
 CLASS

31 3-2300
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.6	1.7	.8	.1							8.2	5.1
NNE	1.7	2.2	.9	.1								4.3	4.7
NE	1.7	1.4	1.3	.1								3.8	5.5
ENE	1.3	1.7	.3	.2								2.8	4.9
E	1.1	.8	1.5	.1	.2							3.7	6.5
ESE	.9	1.3	.4									2.3	4.3
SE	1.4	.9	.4									2.7	4.7
SSE	.6	1.1	.9	.8	.2	.1						3.7	8.3
S	1.2	1.7	3.5	3.7	.6							10.2	9.2
SSW	1.3	1.5	1.2	.8								4.4	6.5
SW	.1	2.4	.3									2.8	5.8
WSW	.4	.5	1.3	.2								2.2	6.6
W	1.3	2.6	1.5	.8	.2							8.2	6.5
WNW	.6	2.3	2.9	2.2	.2							8.0	8.7
NW	.2	.9	2.5	4.2	2.0	.5						10.8	12.8
NNW	1.3	1.8	3.4	5.3	.5	.3	.2					12.6	10.6
VARBL													
CALM												11.0	
	15.6	25.4	23.7	19.0	4.2	1.2	.2					100.2	7.1

TOTAL NUMBER OF OBSERVATIONS

932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1423 LORING AFB ME STATION NAME 77-79 YEARS MAP NORTH ALL HOURS (LST)

ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	2.6	1.2	.1	.1						7.0	7.1
NNE	.5	1.1	.7	.2								2.2	5.4
NE	.6	1.1	1.7	.1	.1							2.7	5.7
ENE	.5	.9	.7	.1		.2						2.5	5.8
E	1.2	1.3	.9	.3	.1	.1						3.3	5.9
ESE	.7	.8	.5	.2								2.2	5.5
SE	.5	.9	.4	.1								2.2	4.7
SSE	1.1	1.2	1.3	1.3	.1	.1						4.5	7.4
S	1.1	2.5	4.3	3.6	.5	.1						12.1	9.7
SSW	.5	.6	1.4	.8	.1							3.7	5.0
SW	.6	1.3	1.9	.3	.1							3.1	6.3
WSW	.6	.3	1.1	.5	.1	.1						3.1	7.8
W	.9	1.7	2.1	1.7	.3							6.7	5.5
WNW	.5	1.4	2.1	2.5	.7	.1						6.9	10.1
NW	.6	1.1	3.7	4.7	2.1	.6	.2					12.3	12.3
NNW	1.0	2.2	4.3	4.0	1.2	.4	.0					13.2	10.3
VARBL													
CALM												10.1	
	13.3	21.2	28.0	25.7	5.4	1.3	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 7441

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-23 STATION LORING AFB ME STATION NAME 70-79 YEARS 1900-1900 NORTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	2.6	1.4	.2								5.7	4.2
NNE	1.0	1.6	.7	.1								4.2	4.3
NE	1.8	.8	.7	.2								3.4	4.7
ENE	1.6	.6	.6	.1	.2							2.0	5.3
E	1.5	1.7	.6	.2	.1							3.7	5.1
ESE	.1	1.1	.3									1.5	5.4
SE	.7	1.4	.7									2.8	5.2
SSE	.7	1.2	2.3	.3								4.6	7.1
S	1.3	1.7	3.2	1.2	.1							6.9	7.0
SSW	.6	.6	.2	.3								1.7	6.3
SW	.8	1.3	1.5									2.8	5.5
WSW	.6	1.5	.9	.2								3.2	5.0
W	.9	1.2	.6									2.7	5.1
WNW	.9	1.7	3.1	1.3	.3	.1						7.4	3.5
NW	1.4	2.5	5.3	3.4	.7	.2						13.9	9.1
NNW	3.2	3.4	2.3	2.2	.1							11.3	5.7
VARBL													
CALM												13.2	
	22.6	23.4	23.9	13.8	1.6	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

JOINT CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23 LOCATION AFW WE YEARS 70-79 APP 400
STATION NAME ALL WEATHER NORTH 300-000
CLASS ALL WEATHER HOURS (LST) 0000-2400
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.3	5.7	1.3	.2								13.6	4.6
NNE	2.7	1.4	.9									4.3	4.0
NE	1.4	1.0	.4									3.3	3.7
ENE	1.6	.9	.9		.5							3.7	3.6
E	1.0	1.1	.4	.1								2.7	4.0
ESE	.4	.5	.3	.2								2.2	3.0
SE	.6	1.1	.3									2.4	5.5
SSE	1.1	.7	1.7	.4	.1							4.0	5.6
S	1.2	1.9	1.9	1.0								6.0	7.4
SSW	1.1	.5	.9	.3								3.1	6.1
SW	1.2	.4	.4	.2								2.3	5.2
WSW	1.2	1.1	.2	.2								2.6	4.6
W	.3	1.4	1.2	.1								3.1	5.7
WNW	1.1	2.8	3.3	1.3	.4							9.3	7.9
NW	1.1	2.9	3.3	3.9	.2	.2						11.9	9.3
NNW	1.6	3.5	2.9	1.7								10.1	7.0
VARBL													
CALM												13.4	
	21.0	27.8	21.4	9.5	1.3	.2						103.3	5.3

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATE CENTER
 WASHINGTON
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1523 LONG AFB ME 77-78 800
 STATION NAME YEARS MONTH
ALL WEATHER
 CLASS
0600-1800
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	3.6	.2								9.2	5.4
NNE	1.5	1.7	1.2	.2								5.1	5.7
NE	2.3	1.8	.6	.1								4.5	5.1
ENE	1.4	2.8	.6	.1	.2							5.1	5.7
E	.8	2.2	1.7									4.7	5.2
ESE	.9	1.2	.7									2.8	5.2
SE	.8	1.4	.9									3.1	5.1
SSE	.4	1.7	1.3	.6	.3							3.7	5.4
S	.8	2.6	2.6	2.0								7.9	5.7
SSW	.6	.3	1.2	.3								2.9	7.0
SW	.4	1.1	.6	.1								2.2	5.6
WSW	.4	.7	.6	.4								2.1	7.2
W	1.2	1.2	1.1	.3	.3							4.3	7.1
WNW	.7	2.2	3.0	2.0	.3							5.2	3.7
NW	1.4	2.7	3.3	4.1	1.7	.4						13.3	10.1
NNW	1.2	3.1	4.9	3.1	.6							12.5	5.7
VARL													
CALM												10.3	
	15.3	30.3	27.1	13.7	2.8	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-123 CORING AFB ME

70-79

STATION

STATION NAME

YEARS

APP

MONTH

ALL WEATHER

900-1100

CLASS

MOVES (LST)

CONDITION

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.8	4.4	1.3								2.6	5.7
NNE	.2	1.0	1.7	.4								3.3	7.3
NE	.6	1.9	1.2									3.7	5.8
ENE	.4	2.1	1.6	.2								4.3	6.2
E	.7	2.4	.9	.1								4.1	5.9
ESE	1.6	1.7	1.1									3.7	4.7
SE	.4	1.6	.2	.1								2.2	5.3
SSE	.7	2.2	2.0	1.3	.3							5.2	7.6
S	1.3	2.6	3.2	2.7	.2							10.2	3.2
SSW	.2	1.1	.8	.4								2.6	7.3
SW	.4	.7	1.1	.2	.1							2.6	7.1
WSW	.2	1.3	.6	.2	.1	.1						2.6	7.4
W	1.1	1.0	1.6	1.4								5.3	7.2
WNW	.3	1.8	2.2	2.7	.4	.2						7.7	10.7
NW	.7	1.4	3.8	6.0	2.7	.2						14.6	11.9
NNW	.4	2.3	4.4	6.0	1.7	.1						13.0	10.7
VARBL													
CALM												5.1	
	9.7	27.4	31.0	20.6	5.6	.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

899

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14023 LORING AFB ME STATION NAME 70-79 YEARS
ALL WEATHER CLIM 1270-1470 MONTHS
CONDICION MONTHS (L.S.Y.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.1	3.4	1.6	.1							5.0	5.2
NNE	.3	.4	1.8	.2								2.8	7.0
NE	.4	1.9	.8	.1								2.9	5.5
ENE	.6	1.3	1.3	.3								3.8	6.1
E	.7	1.6	1.5	.3								5.8	6.5
ESE	.8	1.7	1.7									2.8	5.2
SE	.8	1.8	1.7									3.5	5.5
SSE	.7	.9	2.5	.6								4.7	7.5
S	1.1	2.4	4.2	2.2	.7	.1						10.8	9.1
SSW	.4	.2	1.1	.2	.1							2.1	7.0
SW	.7	.1	.8	.4								2.8	7.1
WSW	.3	.9	.7	1.0								2.9	8.2
W	.7	1.3	2.8	1.6	.4	.1						6.9	9.4
WNW	.3	.7	2.8	2.4	.8	.2						7.3	11.3
NW	.7	1.3	5.2	5.1	1.0	.7						15.6	11.7
NNW	1.0	3.4	5.3	4.8	.8	.6						18.9	10.8
VARBL													
CALM												3.4	
	13.4	21.3	36.0	21.9	4.8	1.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1423
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

APR
MONTH

1800-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.8	3.6	1.4	.2							5.3	7.9
NNE	.3	1.1	1.0	.2								2.7	6.7
NE	.7	.7	1.1									2.4	5.5
ENE	.7	1.3	1.7	.1								3.8	5.3
E	1.6	1.9	1.1	.2								4.8	5.3
ESE	.9	.9	.7	.1								2.6	5.3
SE	1.1	1.1	.3	.1								2.7	4.7
SSE	1.0	1.8	1.6	1.2								5.6	7.4
S	1.0	2.2	2.7	2.6	.2							5.7	8.5
SSW	.1	.4	.4	.4								1.4	5.5
SW	.2	1.0	.4									1.7	5.4
WSW	.2	.2	.8	.9	.2							2.3	10.5
W	.6	1.3	2.0	1.1	.3							5.0	9.1
WNW	.1	1.1	3.3	2.4	.8	.3	.1					8.2	11.1
NW	.7	1.7	6.1	6.7	.8	.3						16.2	10.7
NNW	1.7	3.3	8.0	5.4	1.4	.2						20.1	9.8
VARBL													
CALM												3.6	
	12.1	21.6	34.8	23.0	4.0	.9	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14623 LORING AFB ME 72-79 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	4.9	2.8	.3								12.6	4.8
NNE	1.3	1.1	.7									3.1	4.7
NE	1.2	1.2	.6									2.8	4.8
ENE	.9	.9	.7	.1								2.6	5.3
E	1.7	1.1	.7	.3								3.8	5.1
ESE	.7	.7	1.2									2.6	5.5
SE	1.2	1.4	.2	.1								2.8	4.8
SSE	.9	1.7	2.1	.3								5.0	5.6
S	.8	.9	2.8	1.7								6.1	5.7
SSW	.4	.3	.2	.2								1.2	5.9
SW	.7	.2	.8	.1								1.8	6.3
WSW	.7	.8	1.2	.1	.1							2.9	6.9
W	.7	1.1	1.4	.3								3.6	6.6
WNW	.4	1.4	1.6	1.6	.4	.2						5.7	10.1
NW	1.7	3.1	6.2	3.7	.1	.2						15.0	8.5
NNW	3.7	5.1	4.8	3.6	.2							17.3	7.2
VARBL													
CALM												11.1	
	21.2	26.0	27.9	12.4	.9	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14023 LOPING AFB ME 7-79 APR

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

21 0-23 0

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.9	4.1	1.3	.3								11.7	4.2
NNE	2.1	1.5	.3									4.2	3.9
NE	2.1	1.7	.7									4.3	4.2
ENE	1.0	1.1	.2	.3								2.7	3.7
E	2.3	1.3	.7	.2	.2							4.3	5.2
ESE	1.0	1.1	.4	.1								2.7	4.8
SE	.4	1.2	.8									2.4	5.5
SSE	.8	.3	1.8	.3								3.2	7.1
S	.6	1.2	2.8	2.2	.1							7.1	8.6
SSW	.4	.6	.3	.1								1.4	5.4
SW	.7	1.6	.3	.3								2.9	5.6
WSW	.3	1.0	1.2	.1								2.7	6.6
W	1.8	2.0	.8	.1		.1						4.8	5.1
WNW	.7	1.4	2.4	1.7	.2		.3					6.6	9.6
NW	.9	3.0	3.7	4.4	.4	.1						12.6	9.3
NNW	3.4	4.4	2.4	1.6	.1							12.0	6.1
VARBL													
CALM												13.8	
	24.6	27.9	20.2	11.9	1.1	.2	.3					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14023 STATION LORING AFB ME STATION NAME 70-79 YEARS APR MONTH NORTH
ALL WEATHER CLASS ALL HOURS (L & T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.5	2.8	.7	.1							9.7	5.8
NNE	1.2	1.3	1.3	.2								3.6	5.3
NE	1.3	1.4	.7	.1								3.5	4.7
ENE	1.0	1.4	.9	.2	.1							3.6	5.7
E	1.3	1.6	.9	.2	.0							4.0	5.4
ESE	.2	1.0	.5	.1								2.5	5.3
SE	.7	1.4	.6	.0								2.8	5.2
SSE	.8	1.2	1.9	.6	.1							4.5	7.4
S	1.0	1.9	2.9	1.9	.2	.3						9.0	8.3
SSW	.5	.6	.7	.3	.0							2.1	6.8
SW	.6	.8	.7	.2	.0							2.3	6.0
WSW	.5	.9	.8	.4	.1	.0						2.7	7.1
W	.9	1.3	1.5	.6	.1	.0						4.4	7.4
WNW	.6	1.6	2.7	1.9	.5	.1	.1					7.5	9.5
NW	1.1	2.4	4.6	4.8	1.0	.3						14.1	10.2
NNW	2.0	3.6	4.4	3.3	.6	.1						14.0	8.4
VARBL													
CALM												10.5	
	17.1	25.8	27.8	15.4	2.8	.6	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7199

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1423
STATION

LOPING AFB MF

STATION NAME

70-79

YEARS

MAY

MONTH

ALL WEATHER

CLASS

1907-12-31

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.1	.9	.1								6.3	4.4
NNE	1.6	1.5	.2									3.3	3.8
NE	2.3	.5	.4									3.2	3.2
ENE	2.2	1.3	.6									4.1	3.7
E	2.7	1.3	.3	.3								4.6	3.9
ESE	2.4	.5	.2									3.3	3.1
SE	2.2	.9	.2									3.2	3.1
SSE	1.7	1.6	2.1	.5								5.2	6.7
S	2.4	4.1	5.4	2.2	.1							14.0	7.3
SSW	.4	1.2	1.1	.2								2.9	6.6
SW	1.1	1.3	1.5	.3								4.2	6.3
WSW	1.0	1.4	.9	.2								3.4	5.4
W	1.0	1.0	.9	.2								3.0	5.6
WNW	1.3	2.2	.6									4.1	4.8
NW	1.4	1.4	1.8	.8	.2	.1						5.7	7.2
NNW	1.6	3.1	1.5	1.0								7.2	5.9
VARBL													
CALM												21.7	
	27.0	26.5	18.6	5.8	.3	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

930

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1423 STATION LORING AFB ME STATION NAME 70-79 YEARS MAY MONTH 300-7500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.7	3.2	1.2									8.1	4.2
NNE	1.5	1.2	.3									3.0	3.3
NE	3.2	.8	.2									4.2	2.8
ENE	2.4	.8	.3									3.4	3.1
E	3.2	1.7	.5									5.5	3.5
ESE	2.4	.8	.2									3.3	3.0
SE	1.2	.9	.5									2.6	4.1
SSE	.9	1.8	1.0	.5								4.2	6.2
S	2.3	4.7	4.6	2.3	.1							14.5	6.9
SSW	.9	1.4	1.1	1.0								4.3	7.2
SW	1.1	1.3	1.6									4.0	5.5
WSW	1.3	1.9	.9									3.8	4.3
W	.5	1.4	.6									2.6	5.3
WNW	.8	1.1	.6	.1		.1						2.7	5.8
NW	1.7	1.9	3.4	1.0	.2							5.3	7.3
NNW	2.0	1.7	1.3	.9								5.9	5.6
VARBL													
CALM												19.7	
	29.1	26.6	18.5	5.7	.3	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1423 STATION LORING AFB ME 70-79 YEAR MONTH MAY 0600-0800
STATION NAME STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.1	1.8	.8								6.3	6.0
NNE	1.1	2.7	.6									3.8	4.7
NE	1.6	2.2	.2	.1								4.1	4.2
ENE	1.7	2.6	.5									4.8	4.2
E	2.8	2.5	.8									6.9	4.0
ESE	2.6	1.3	.8									4.6	3.7
SE	1.0	1.2	.5									2.7	4.8
SSE	.6	1.9	1.5	.5								4.8	6.5
S	1.2	3.4	7.0	1.6	.6							13.9	8.3
SSW	1.7	1.4	2.4	1.7								7.2	7.8
SW	1.2	2.2	2.6	.1								6.9	8.1
WSW	1.1	1.4	1.6	.2								4.3	6.1
W	1.3	1.5	1.0	.5								.3	6.0
WNW	1.4	.9	.5	.4								3.2	5.3
NW	.5	2.6	2.9	1.5	.2	.1						7.8	8.5
NNW	.5	1.5	2.9	2.5								7.6	8.5
VARBL												7.0	
CALM													
	21.8	32.6	27.6	10.0	.9	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14023 STATION NAME LORING AFB ME YEARS 70-79 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 930-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	2.0	.5								7.3	6.1
NNE	.3	1.4	.9	.1								2.7	5.7
NE	.9	1.1	.9	.1								2.9	5.4
ENE	1.1	1.5	.9	.1								3.5	5.0
E	1.8	2.3	1.4									5.5	4.9
ESE	.6	1.2	.9									3.3	5.1
SE	.9	1.6	.8	.1								3.3	5.4
SSE	1.8	2.6	2.2	1.1								7.6	6.4
S	1.3	2.3	5.1	3.8	.5							12.9	9.0
SSW	.3	1.4	2.4	1.7	.4							6.2	9.3
SW	.6	1.3	1.8	1.1								4.8	8.0
WSW	1.3	1.6	1.8	.9	.2							3.8	7.3
W	1.0	1.5	1.6	1.5	.1							5.7	7.8
WNW	.2	1.2	2.0	.9	.2							4.5	9.0
NW	.4	1.9	3.9	3.3	.8	.1						10.4	10.3
NNW	.5	2.2	3.7	2.4	.2							8.9	8.9
VARBL													
CALM												4.4	
	14.5	28.9	32.0	17.5	2.5	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14623 STATION LORING AFB ME 77-79 YEARS MAY MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.3	2.6	.6								6.9	6.4
NNE	.5	1.0	.8									2.4	5.3
NE	.8	1.6	1.5	.1								3.4	5.7
ENE	.5	1.7	.6	.2								3.1	5.5
E	.9	1.3	.8	.3								3.2	5.8
ESE	.8	1.4	.5									2.7	5.1
SE	.4	1.4	1.2									3.0	5.7
SSE	1.4	1.7	1.3	1.1	.2							5.7	7.3
S	1.3	3.3	5.6	5.7	1.4	.1						16.8	10.1
SSW	.4	.8	1.9	1.0	.5	.1						4.7	10.1
SW	.9	1.8	1.0	.9	.1							4.6	7.1
WSW	.5	1.3	1.3	1.4	.1							4.7	8.4
W	.6	1.4	2.4	1.6	.4							6.5	9.1
WNW	.5	1.7	2.8	1.5	.1							5.9	6.7
NW	.3	2.0	4.6	4.1	.8	.1						11.9	10.5
NNW	1.1	1.6	3.9	4.3	.2							11.3	9.5
VARBL													
CALM												3.1	
	12.3	25.5	32.2	22.8	3.9	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION LORING AFB ME STATION NAME 70-79 YEARS MAY NORTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	2.5	1.2								7.7	7.1
NNE	1.3	1.0	.3	.3								2.6	5.2
NE	.5	1.5	1.2									3.1	5.3
ENE	.4	1.6	1.1									3.1	5.6
E	1.2	1.5	1.0	.1								3.8	5.1
ESE	1.1	1.1	.3									2.5	4.7
SE	.9	1.0	.8									2.6	4.8
SSE	.6	1.7	2.9	.6	.1							5.0	7.4
S	1.4	3.7	5.8	4.4	.9							15.1	9.3
SSW	.3	.6	1.6	1.5	1.2							5.7	11.3
SW	1.0	.3	1.0	.5	.1	.2						3.1	8.2
WSW	.3	.3	1.4	1.1	.3							3.4	10.2
W	1.1	1.2	1.3	1.3								4.8	7.4
WNW	.5	1.2	3.2	1.3								5.2	8.3
NW	1.1	2.5	4.0	3.8	.4	.1						11.6	9.4
NNW	1.2	2.9	5.1	4.2	.3							13.7	8.9
VARBL													
CALM												4.1	
	14.0	24.3	33.1	27.3	3.3	7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION LORING AFB ME 10-79 YEAR MAY
STATION NAME CLASS ALL WEATHER MONTH 1800-2100
CONDITION HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	4.2	2.3	.2								10.5	4.5
NNE	1.4	1.3	.4									3.1	4.0
NE	.9	.5	.3									1.7	3.8
ENE	1.6	1.7	.8									3.5	4.8
E	2.4	1.2	1.7	.1								5.4	4.0
ESE	1.9	1.1	.1	.1								3.2	3.6
SE	1.2	1.3	.1									2.5	3.6
SSE	1.9	2.5	1.5	.8								6.5	5.8
S	1.3	2.9	5.5	2.7	.4							12.8	8.4
SSW	.4	1.6	1.8	1.3	.4							5.6	8.9
SW	.5	.9	.8	.4	.2							2.8	7.6
WSW	.3	1.1	1.0	.3								2.7	6.9
W	.6	1.4	1.1	.1								3.2	6.1
WNW	1.0	1.5	1.4	.3								4.3	5.9
NW	.9	2.0	3.9	1.5	.3							8.5	8.6
NNW	2.7	2.8	3.7	1.0								10.1	6.3
VARBL													
CALM												12.7	
	22.7	28.4	26.5	8.8	1.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23 STATION LORING AFB ME STATION NAME 73-79 YEARS MAY MONTH
ALL WEATHER CLASS 21.3-25.0 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	3.3	1.0									10.0	3.5
NNE	2.6	.9	.1									3.5	3.1
NE	2.3	.8	.3									3.3	3.3
ENE	.9	1.3	.5									2.7	4.5
E	3.9	2.7	.6	.4								7.6	4.1
ESE	1.9	1.4	.3									3.7	3.6
SE	1.1	1.2										2.3	3.3
SSE	.9	2.4	1.6	.5								5.4	6.3
S	1.5	3.4	5.8	2.4	.4	.2						13.9	8.3
SSW	.2	1.3	2.5	1.3								5.3	8.6
SW	.4	1.3	1.2	.3								3.2	6.4
WSW	.8	.9	.9	.4								2.9	5.0
W	1.2	1.9	.4	.2								3.8	4.6
WNW	1.5	1.4	1.2	.2								4.3	5.3
NW	.8	1.5	1.5	1.2	.3	.2						5.5	8.7
NNW	2.5	1.9	1.7	.9	.1							7.1	5.3
VARBL													
CALM												15.6	
	25.4	27.2	19.7	7.8	.9	.4						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-823 LOPING AFB ME 70-79 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.R.T.)

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.3	1.7	.4								3.2	5.2
NNE	1.3	1.3	.5	.1								2.1	2.3
NE	1.6	1.1	.5	.0								3.3	4.7
ENE	1.3	1.6	.7	.0								3.3	4.3
E	2.4	1.8	.9	.2								5.2	4.4
ESE	1.7	1.2	.4	.0								3.3	3.9
SE	1.1	1.2	.5	.0								2.8	4.3
SSE	1.1	2.3	1.7	.7	.7							5.7	6.6
S	1.6	3.4	5.6	3.1	.6	.7						14.4	8.5
SSW	.6	1.2	1.8	1.2	.3	.0						5.2	8.6
SW	.6	1.3	1.4	.5	.1	.0						4.1	5.8
WSW	.6	1.2	1.2	.6	.1							3.9	5.9
W	.9	1.4	1.2	.7	.1							4.2	6.9
WNW	.9	1.3	1.6	.6	.7	.0						4.4	6.9
NW	.9	2.0	3.3	2.1	.4	.1						6.8	9.2
NNW	1.5	2.2	3.0	2.1	.1							9.0	7.8
VARBL													
CALM												11.0	
	21.2	27.6	26.0	12.4	1.7	.2						120.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION LORING AFB ME STATION NAME 70-79 YEARS JAN MONTHS 1960-1961

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.7	2.0	.8	.3								3.1	4.2
NNE	.9	.7	.3									1.9	3.9
NE	.9	.4	.6									1.6	3.1
ENE	1.2	.9	.3	.1								1.5	4.5
E	2.4	1.0	.2									3.7	3.1
ESE	.9	.9										1.8	3.4
SE	.5	.1										.9	2.3
SSE	1.4	2.3	1.5	.6								6.2	6.3
S	2.3	5.4	5.2	2.6	.2							19.8	7.2
SSW	1.7	3.8	2.8	.3								5.6	6.0
SW	2.3	3.5	1.8	.1								8.0	5.1
WSW	1.3	2.1	.9									4.3	4.9
W	1.7	1.1	.9									3.7	4.4
WNW	1.4	.6	.2									2.2	3.5
NW	1.1	1.1	1.7	.6								4.4	6.6
NNW	3.1	1.3	.4	.4								5.3	4.2
VARBL													
CALM												21.7	
	26.6	27.6	19.0	5.7	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 955

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19423 LORING AFB ME 70-79 JUN NORTH
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 54	≥ 56	%	MEAN WIND SPEED
N	2.9	3.7	.6	.1								5.6	4.1
NNE	.4	.7	.7									1.8	5.2
NE	1.6	.6										2.1	2.5
ENE	1.6	.8	.3									2.7	3.9
E	3.7	1.2										4.3	2.8
ESE	1.6	.3										1.9	2.2
SE	1.7	.6	.1									1.7	3.2
SSE	1.8	1.1	2.0	.6								5.4	5.9
S	2.7	7.1	6.0	2.7	.1							18.6	7.0
SSW	1.2	2.8	2.7	.6								7.1	6.2
SW	1.4	3.6	2.0	.2								7.2	5.5
WSW	1.3	1.4	.4									3.2	4.3
W	1.9	1.5	.4									3.9	4.0
WNW	.9	.9	.7	.1								2.6	5.3
NW	.7	1.3	1.3	.8	.1							4.2	7.3
NNW	1.1	2.2	.7	.1								4.1	4.8
VARBL													
CALM												22.7	
	25.1	29.1	17.9	5.0	.2							103.6	4.1

TOTAL NUMBER OF OBSERVATIONS 700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION# 1-023 STATION NAME LORING AFB ME YEARS 70-79 MONTH JUN
CLASS ALL WEATHER HOURS (L & T.) 3600-7600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.7	2.3	.3								7.2	5.0
NNE	.9	1.5	.7	.1								2.7	3.6
NE	.8	1.2	.4									2.4	4.7
ENE	1.4	1.0	.1									2.6	3.4
E	2.0	1.3	.3	.1								3.5	3.9
ESE	1.2	1.1	.3									2.7	3.8
SE	1.3	.8	.3									2.4	3.9
SSE	1.6	.9	1.7	.9								5.0	6.6
S	1.4	5.2	6.9	4.2								17.8	8.1
SSW	1.4	3.0	5.4	1.3								11.2	7.2
SW	1.4	2.6	2.9	.8								7.7	6.6
WSW	1.4	1.7	1.2									4.3	5.1
W	2.1	2.9	1.1	.4								6.6	5.4
WNW	.8	.9	.8	.7								3.1	6.4
NW	1.2	1.8	1.6	1.9								6.4	7.7
NNW	.7	2.0	2.2	.3								5.2	6.4
VARBL													
CALM												3.9	
	21.7	30.0	26.3	11.1								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19023 LORING AFB ME 70-79 JUN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1900-110
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	3.5	.4								5.2	7.1
NNE	.1	.3	.4	.2								1.1	7.5
NE	.3	1.3	.6									2.2	5.2
ENE	.4	1.2	.4									2.1	4.9
E	1.7	.9	.8		.1							3.4	4.6
ESE	.2	1.1	.1									1.4	4.5
SE	1.6	1.3	.1									3.0	3.7
SSE	.4	1.6	1.8	.7								4.4	7.7
S	1.6	3.7	8.0	5.9	1.1							20.1	9.2
SSW	.7	2.6	2.8	2.8	.2							9.0	8.8
SW	.8	2.6	4.0	1.1								8.4	7.3
WSW	1.4	1.4	2.4	.4		.1						5.9	6.5
W	1.8	2.3	2.6	.4								7.1	6.1
WNW	.9	1.8	1.7	1.7	.1							5.4	7.3
NW	.3	1.1	2.8	2.6	.4							7.2	9.9
NNW	1.0	2.6	4.1	1.3	.1							9.1	7.7
VARBL													
CALM												4.7	
	13.7	27.3	35.6	16.7	2.0	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION LORING AFB ME 70-79 YEARS JUN MONTH
1800-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.9	3.4	.6								7.4	6.7
NNE	.1	.6	.7	.1								1.0	6.9
NE	.8	.9	.7									2.2	5.0
ENE	.3	1.0	1.2									2.6	6.1
E	.4	.8	.9									2.3	5.7
ESE	.3	1.1	.2									1.7	4.7
SE	1.6	1.2	.4	.1								3.3	4.2
SSE	.4	1.2	1.6	.4								3.9	7.4
S	.8	2.8	6.2	8.2	1.1	.2						19.3	13.7
SSW	.2	1.9	2.7	4.4	.6							9.8	10.6
SW	.3	2.2	3.3	1.1	.1							6.9	9.3
WSW	.3	1.7	3.9	1.3								7.2	6.0
W	.9	1.9	3.2	1.1	.1							7.2	7.9
WNW	.2	.7	2.9	1.1								4.9	8.9
NW	.9	1.3	3.7	3.7	.1							9.7	9.6
NNW	.3	1.6	3.3	2.2								7.7	8.8
VARBL													
CALM												3.1	
	9.6	22.7	38.0	24.4	2.0	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14023
STATION

LOPING AFB ME
STATION NAME

70-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	3.6	.6								8.0	6.5
NNE	.1	1.0	.4									1.6	5.4
NE	.8	1.0	.8		.1							2.7	5.9
ENE	.6	.4	.8	.1								1.9	5.1
E	1.1	1.2	.4	.2								3.0	4.9
ESE	.6	1.1	.3									2.3	4.7
SE	.9	1.0	.4									2.3	4.4
SSE	1.0	.0	2.2	.8	.1							5.1	7.5
S	1.4	2.3	5.9	7.3	1.0	.1						18.1	9.9
SSW	.6	1.0	3.4	3.4	.9							9.3	10.4
SW	.6	2.7	3.0	1.3								7.6	7.6
WSW	.4	1.7	3.0	.6								5.7	7.5
W	.7	2.0	3.1	.8								6.6	7.4
WNW	.6	1.3	2.9	1.4								6.2	8.3
NW	.3	2.4	2.3	2.8								7.9	8.9
NNW	1.1	2.2	4.0	2.2	.1							9.7	8.2
VARBL													
CALM												2.4	
	12.0	24.8	36.9	21.6	2.2	.1						110.0	7.9

TOTAL NUMBER OF OBSERVATIONS

900

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14.23 LORING AFB ML 73-74 JUN 1966-2001
STATION STATION NAME YEARS MONTH HOURS (L & T.)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.2	1.6	.2	.1							7.4	4.6
NNE	1.6	.4	.1									2.1	3.7
NE	1.0	.6	.1	.1								1.8	3.9
ENE	.9	1.1	.4									2.4	4.5
E	1.4	.7	.4									2.6	4.0
ESE	.7	.9	.1									1.7	3.9
SE	1.1	1.2	.2									2.6	3.8
SSE	1.7	2.2	2.1	.6								6.6	6.1
S	1.8	3.6	6.6	4.3	.8							17.3	8.7
SSW	1.0	2.6	2.2	2.0	.1							7.9	7.9
SW	.9	2.7	2.7	.4								6.7	6.4
WSW	1.2	1.6	1.1	.2								4.1	5.5
W	1.1	2.3	.4	.1								4.0	4.7
WNW	1.0	2.7	1.0	.1								4.3	5.5
NW	.7	2.0	1.6	1.0								5.2	7.2
NNW	3.0	3.8	1.9	.4	.1							9.2	5.4
VARBL													
CALM												14.0	
	22.3	30.4	22.6	9.6	1.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/M

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14023 STATION NAME LORING AFB ME YEARS 70-79 MONTH JUN
CLASS ALL WEATHER
CONDITION 2100-2300
HOURS (L & T.)

SPEED (KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	1.8	.4									6.3	3.2
NNE	1.7	.7	.2									2.4	2.8
NE	1.1	.1	.6									1.8	4.3
ENE	1.2	.6	.6									2.3	4.1
E	2.4	1.4	.3									4.2	3.4
ESE	.8	.8	.1									1.7	3.8
SE	.7	.7	.1									1.4	4.2
SSE	1.8	1.8	1.1	.4								5.1	5.6
S	2.8	4.9	6.8	3.7	.2							17.4	7.6
SSW	1.3	3.7	2.8	1.2								8.3	7.1
SW	1.7	3.6	2.2	.5								7.4	5.9
WSW	1.3	2.1	1.6									4.4	4.9
W	1.2	2.7	1.1									5.0	4.8
WNW	1.7	1.2	.7									2.8	4.7
NW	1.8	1.3	.9	.2								3.9	4.4
NNW	2.1	2.4	.8	.2								5.6	4.5
VARBL													
CALM												19.2	
	27.4	27.2	19.6	6.3	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23
STATION

LOPING AFB ME

STATION NAME

78-79

YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.2	3.2	.3	.3							6.2	5.4
NNE	.7	.7	.4	.1	.3							1.8	4.6
NE	.9	.8	.5	.0	.3							3.2	4.5
ENE	1.0	.9	.5	.0	.3							2.4	4.7
E	1.0	1.1	.4	.0	.3							3.4	3.9
ESE	.8	.9	.2									1.5	3.8
SE	1.1	.9	.2	.0								2.2	3.9
SSE	1.3	1.5	1.8	.6	.0							5.2	6.6
S	1.2	4.3	6.6	4.9	.6	.0						18.1	8.6
SSW	1.0	2.6	3.1	2.0	.2							8.9	8.1
SW	1.2	2.8	2.7	.7	.3							7.5	6.6
WSW	1.1	1.7	1.7	.3		.3						4.9	6.1
W	1.4	2.1	1.6	.4	.3							5.3	5.9
WNW	.8	1.2	1.3	.6	.3							4.0	6.7
NW	.9	.5	2.0	1.7	.1							6.1	6.1
NNW	1.6	2.3	2.2	.9	.3							7.0	6.6
VARBL													
CALM												12.1	
	19.8	27.4	27.2	12.5	1.0	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-123 LORING AFB ME 75-79 JUL
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CORRECTION
1000-0000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.8	.9									3.7	4.3
NNE	.4	.4										.9	3.1
NE	.8	.2										1.0	2.9
ENE	.4	.1										.5	2.8
E	2.5	.3	.2									3.0	2.7
ESE	1.1	.3	.1									1.5	3.1
SE	1.3	.4										1.4	2.8
SSE	1.7	1.7	1.4	.1								3.8	5.3
S	2.8	4.6	7.3	.9								15.3	6.5
SSW	1.2	2.9	4.3	.5								9.6	6.7
SW	2.3	4.5	1.3									8.1	4.6
WSW	3.3	2.9	1.1	.1								7.1	4.4
W	2.4	2.2	.3									4.8	3.7
WNW	1.5	1.0	.9									3.3	4.3
NW	1.1	1.1	1.1	.1								3.3	5.2
NNW	2.3	2.9	.9									5.8	4.4
VARBL													
CALM												26.7	
	46.2	26.4	19.1	1.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 929

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-23 STATION LORING AFB ME 77-79 YEARS JUL NORTH
ALL WEATHER CLASS 1300-1600 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3										3.1	3.8
NNE	1.5	.5										1.5	1.1
NE	.5	.5										1.1	3.3
ENE	.9	.2										1.1	2.7
E	2.3	1.1	.1									3.4	3.3
ESE	.9	.1										1.0	2.1
SE	.4	.2										.6	2.8
SSE	.9	1.7	1.2	.2								4.3	3.6
S	3.2	7.2	6.2	1.1								17.7	6.2
SSW	1.7	2.3	3.3	.4								7.7	6.3
SW	1.6	2.0	1.5	.2								6.5	3.1
WSW	1.7	2.6	.6									4.9	4.1
W	2.3	1.7	.5									4.5	3.7
WNW	.3	1.7	.6									2.7	5.4
NW	1.5	1.7	1.1									4.3	4.7
NNW	2.7	2.5	1.2									6.3	4.4
VARBL													
CALM												29.5	
	23.3	23.2	16.5	1.9								100.2	3.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 LOPING AFB ME 70-79 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

600-7800

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	1.1									4.3	5.2
NNE	.9	.5	.1									1.5	3.4
NE	.5	1.2										1.7	4.1
ENE	.3	1.2										1.5	4.6
E	1.5	.2										1.7	2.3
ESE	1.1	.5	.1									1.7	3.4
SE	.6	.5	.2									1.7	3.6
SSE	1.4	1.4	1.4	.2								4.4	5.6
S	2.6	6.1	9.4	2.5								20.4	7.2
SSW	1.8	3.7	4.3	.6								10.4	5.4
SW	2.5	2.4	3.3	.4								8.7	5.8
WSW	2.3	2.7	.4	.1								6.2	4.6
W	2.8	1.2	1.3	.3								5.6	4.4
WNW	.9	1.3	1.5	.1								3.2	5.5
NW	1.5	2.7	2.0	.8								7.0	6.2
NNW	.8	3.5	3.9	.3								5.5	6.5
VARBL													
CALM												11.0	
	23.3	31.8	28.5	5.4								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-625 STATION LORING AFB ME STATION NAME 73-79 YEARS JUL MONTH 930-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	1.2	.3								4.2	5.9
NNE	.0	.5	.2	.1								1.0	4.0
NE	1.0	.4	.5									1.9	4.0
SNE	.3	.4	.4									1.2	5.0
E	.3	.8	.2									1.3	4.5
ESE	.2	.1										.3	3.3
SE	.4	.5	.1									1.1	4.3
SSE	.0	1.7	1.7	.9								3.1	7.3
S	1.5	6.0	8.3	3.8								19.7	7.6
SSW	1.5	1.7	6.3	2.5	.1							12.3	8.3
SW	1.5	3.5	3.4	2.2	.1							10.5	7.6
WSW	1.5	2.7	1.7	.9								5.8	6.2
W	2.0	1.6	1.6	.5								5.0	5.6
WNW	1.4	1.3	2.0	.3								5.1	5.7
NW	1.1	3.8	4.2	1.2	.1							10.3	7.1
NNW	.2	2.9	3.9	1.1								8.1	7.5
VARBL													
CALM												3.9	
	15.6	30.1	35.9	14.0	.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-123 STATION NAME LOPING AFB MO YEARS 70-79 MONTH JUL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	1.5	.3								4.1	8.2
NNE	.6	.6	.2									1.4	4.4
NE	.9	.4	.3									1.6	2.2
ENE	.3	.3	.1									.7	3.4
E	.5	.6	.2									1.3	4.7
ESE	.2	.2	.1									.5	3.3
SE	.6	.3	.1									1.0	3.4
SSE	.3	1.2	2.7	1.1	.1							2.9	6.3
S	1.5	4.5	8.3	4.7	.3							13.5	8.7
SSW	.6	2.6	3.5	2.8	.1							9.7	5.2
SW	.6	2.3	3.2	2.4								5.5	6.4
WSW	1.1	1.8	2.6	.5								7.0	7.6
W	1.2	2.8	3.9	1.3	.1							9.2	7.5
WNW	.5	2.3	2.7	1.3								6.8	7.6
NW	.8	3.1	4.5	1.9								10.3	7.9
NNW	.9	2.7	4.6	2.2								9.7	6.6
VARBL													
CALM												3.2	
	12.0	26.6	38.1	19.5	.6							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATE DIVISION
 WFO
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23 LOPIAC AFB AL STATION NAME 77-79 YEAR JUL
 CLASS ALL WEATHER MONTHS 1977-1978
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.6	2.1	.1								1.3	6.1
NNE	.5	1.2										1.7	3.9
NE	1.2	.6	.2									2.1	2.9
ENE	.3	.5	.3	.1								1.5	5.1
E	.9	.9	.3									1.2	3.5
ESE	.5	.2	.1									.8	7.1
SE	.6	1.5	.2	.1								2.3	8.9
SSE	1.6	2.3	1.6	.4								6.8	3.9
S	.8	3.5	7.3	4.4	.3							19.3	9.3
SSW	.5	1.2	4.1	2.2	.3							8.3	9.4
SW	.9	2.2	2.5	2.4	.2							8.5	3.6
WSW	1.3	1.6	2.5	.8	.1							6.2	5.6
W	.9	2.3	2.4	.8								6.5	6.5
WNW	1.1	1.7	2.7	.9	.1							6.5	7.4
NW	1.5	3.2	4.2	1.9								10.1	7.6
NNW	1.1	4.7	5.1	1.7	.1							12.7	7.5
VARBL													
CALM												3.3	
	13.8	37.5	35.6	15.1	1.6							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14623 LOPING AFB ME 70-79 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	1.9	.5	.2								6.7	3.7
NNE	1.2	.5										1.7	2.6
NE	1.2	.5	.2									1.9	3.4
ENE	1.2	.4	.1									1.7	2.6
E	.8	.5	.1									1.4	3.2
ESE	1.3	.3										1.6	3.5
SE	1.4	.9	.1									2.4	3.5
SSE	1.9	2.4	1.5	.8								5.6	5.7
S	3.2	4.7	6.8	2.3	.3							17.1	7.2
SSW	1.0	1.6	3.1	1.7								7.4	7.9
SW	1.2	1.3	1.9									4.4	5.7
WSW	1.3	2.9	1.2									5.4	5.1
W	1.3	2.5	1.6	.3								5.9	5.9
W'W	1.5	2.3	1.1	.2								5.1	4.9
NW	.8	2.0	1.6	.4								4.8	6.2
NNW	2.9	4.6	2.3	.5								10.3	5.3
VARBL													
CALM												15.4	
	25.9	29.5	22.4	6.5	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-25
STATION

LORING AFB ME

STATION NAME

72-79

YEARS

JUL
MONTH

ALL WEATHER

CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.6	.5									5.1	2.6
NNE	.6	.4										1.1	3.1
NE	1.0	.4										1.4	3.0
ENE	.4	.2										.6	3.0
E	1.5	1.3										2.8	3.2
ESE	1.1	.2										1.3	2.8
SE	1.0	.2										1.2	3.0
SSE	1.6	2.2	2.0	.2								6.0	5.4
S	2.5	5.6	5.4	2.6	.1							17.2	7.0
SSW	1.4	2.2	3.9	.5								8.0	6.7
SW	1.6	3.2	1.5									6.4	4.9
WSW	1.4	3.5	.6	.1								5.6	4.6
W	2.7	2.7	.6									6.0	4.1
WNW	.9	1.5	.8									3.1	4.8
NW	.6	1.2	1.0	.2								3.0	5.6
NNW	2.7	1.5	1.1	.5								5.8	5.1
VARBL													
CALM												24.3	
	24.1	28.9	18.4	4.2	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 LORING AFB ME 75-79 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
MOVES (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	1.0	.1								4.7	4.7
NNE	.8	.6	.1	.3								1.4	3.5
NE	.9	.6	.2									1.6	3.7
ENE	.5	.4	.1	.0								1.1	4.2
E	1.3	.7	.2									2.2	3.4
ESE	.8	.3	.1									1.1	3.1
SE	.8	.6	.1	.0								1.5	3.7
SSE	1.3	1.6	1.6	.5	.7							5.2	6.1
S	2.3	5.3	7.5	2.8	.2							18.0	7.5
SSW	1.3	2.3	4.1	1.5	.1							9.1	7.7
SW	1.5	2.6	2.3	.9	.7							7.7	6.5
WSW	1.8	2.6	1.4	.4	.3							5.1	5.4
W	1.9	2.2	1.6	.4	.0							6.1	5.4
WNW	1.0	1.7	1.5	.3	.0							4.5	6.0
NW	1.0	2.3	2.5	.8	.7							5.7	6.5
NNW	1.7	3.1	2.9	.8	.7							7.4	6.4
VARBL													
CALM												14.6	
	20.5	29.1	26.8	8.5	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14423 STATION LORING AFB ME 70-79 YEARS AUG 1900-1900
STATION NAME CLASS HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4	.6									4.6	4.4
NNE	.6	.2	.1									1.1	3.1
NE	.9	.4	.1									1.4	3.1
ENE	1.1	.2										1.3	2.6
E	2.2	.4	.1									2.7	2.6
ESE	.8	.5										1.3	3.2
SE	.9	.6										1.6	3.6
SSE	1.6	.9	.5	.1								3.1	4.5
S	3.7	5.0	4.5	.4	.1							13.7	5.9
SSW	1.1	2.8	1.9	.3	.3							6.5	6.7
SW	2.2	3.8	2.5	.1								6.4	5.3
WSW	2.3	3.1	.4									5.8	4.1
W	1.8	2.7	.3		.3							5.2	4.9
WNW	1.6	1.7	.6									4.0	4.6
NW	1.3	2.5	1.6	.9								6.2	6.2
NNW	2.4	2.6	1.0	.2								6.1	4.7
VARBL													
CALM												27.0	
	25.8	29.9	14.4	2.0	.8							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 929

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14023
STATION

LOPING AFB ME
STATION NAME

70-79
YEARS

AJC
MONTH

ALL WEATHER
CLASS

1310-0591
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.4	.2									4.8	3.7
NNE	.6	.4	.1									1.2	3.7
NE	.8	.8	.1									1.6	3.9
ENE	1.3	.5	.1									1.9	2.8
E	2.7	.1										2.2	2.1
ESE	1.8	.4										2.3	2.4
SE	1.5	.4										1.9	2.9
SSE	1.7	1.4	.2									2.6	4.2
S	3.0	4.6	3.7	.6	.1							12.3	5.9
SSW	.8	2.6	2.5	.5	.1							6.5	6.8
SW	2.5	5.1	2.2	.2								9.9	4.9
WSW	2.8	2.7	.6									6.1	3.8
W	2.3	2.0	.4									4.7	3.8
WNW	.6	1.9	1.4	.1								4.1	5.9
NW	1.6	2.5	2.0	.6								6.6	5.7
NNW	1.6	1.4	.2									3.2	3.8
VARBL													
CALM												28.2	
	26.5	29.2	13.8	2.2	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14c23 STATION LORING AFB ME STATION NAME 70-79 YEARS ALL WEATHER CLASS 3600-3800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.6	1.3	.1								4.9	5.3
NNE	.5	.3	.5	.1								2.0	5.4
NE	.6	.4										1.1	2.7
ENE	1.2	.5	.1									1.8	3.2
E	1.8	.8										2.6	2.8
ESE	2.0	.5	.2									2.8	3.1
SE	2.4	.5										2.9	2.5
SSE	1.0	1.1	.1									2.2	3.3
S	2.7	4.7	5.1	1.1								13.9	6.6
SSW	2.0	2.6	3.8	.6								9.0	6.2
SW	2.5	3.5	3.9	1.1								11.0	6.2
WSW	1.5	3.2	1.4	.2								6.3	5.5
W	1.6	2.2	1.3									5.1	4.8
WNW	1.0	1.6	2.4	.1								5.1	6.1
NW	.9	1.9	3.1	1.1								7.0	7.5
NNW	1.6	2.5	2.3	.6								7.1	6.2
VARBL													
CALM												15.3	
	24.4	22.6	25.4	5.4								170.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23 LORING AFB ME STATION NAME 77-79 YEARS AUG
MONTH 1900-1100
HOURS (L.S.T.)
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	2.2	.2								5.1	6.2
NNE	.4	1.0	.3									1.7	5.7
NE	.7	.2	.2									.6	5.5
ENE	.4	.5	.1									1.2	3.6
E	.9	.5										1.5	3.7
ESE	.5	1.2	.4									2.3	4.4
SE	.9	1.3	.1									2.3	6.0
SSE	1.7	2.3	1.1	.2								5.3	5.1
S	2.5	3.9	6.6	2.8	.1							15.4	7.6
SSW	.9	2.7	2.7	1.4	.3							8.0	7.9
SW	.8	2.6	3.2	1.2								7.7	7.4
WSW	1.1	2.3	4.1	1.2								8.6	7.6
W	1.9	2.4	3.2	.3								7.6	6.1
WNW	1.7	1.5	4.5	1.2	.1							8.5	7.4
NW	1.5	1.9	4.5	2.5								10.4	6.1
NNW	1.1	2.2	3.4	2.3								8.9	6.2
VARBL													
CALM												4.9	
	17.1	23.1	36.1	13.2	.5							172.3	6.7

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14523 STATION LORING AFB ME STATION NAME 70-79 YEARS AUG MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	2.3	.2								4.6	6.7
NNE	.3	.5	.3									1.2	5.5
NE	.3	.9	.1									1.3	4.9
ENE	.4	.1	.1									.6	3.3
E	.5	.6	.2									1.5	4.1
ESE	.6	1.0	.1									1.7	4.1
SE	.9	1.1	.4									2.4	4.4
SSE	.5	.9	2.0	.4								4.1	6.7
S	1.3	3.5	7.6	2.7	.1							15.3	9.0
SSW	.8	1.1	2.6	2.8	.1							7.3	9.1
SW	1.6	1.5	2.6	2.2	.1	.1						8.1	8.2
WSW	.9	1.1	3.7	2.3								7.8	8.8
W	1.4	2.5	4.9	1.8	.1							10.6	7.7
WNW	.9	2.3	3.9	.9								7.8	7.4
NW	1.4	3.0	5.2	2.8	.3							12.7	8.2
NNW	.6	2.5	5.1	1.7	.1							10.0	8.0
VARBL													
CALM												2.8	
	13.3	24.1	41.1	17.7	.9	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23 STATION LORING AFB ME 70-79 400
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	1.7	.5								5.2	6.5
NNE	1.0	.5	.1									1.7	3.7
NE	.1	.1	.1									.3	4.3
ENE	.5	.2	.2									1.1	3.3
E	.5	1.5	.1	.2								2.5	4.9
ESE	.5	.5										1.4	1.8
SE	1.1	1.3	.1									2.5	3.9
SSE	1.5	1.5	2.7									5.7	5.1
S	2.0	3.1	4.5	2.5								12.3	7.6
SSW		1.2	2.3	1.8	.1							5.4	9.4
SW	1.0	1.4	3.2	1.5								7.4	8.0
WSW	1.5	2.2	3.5	1.6	.2							9.5	6.3
W	1.2	2.2	2.7	1.5	.1							7.5	7.5
WNW	.9	3.0	3.2	1.7								8.3	7.5
NW	1.2	3.4	5.9	1.6	.1							12.3	7.8
NNW	.9	3.5	5.5	2.0								12.3	7.5
VARBL													
CALM												5.2	
	15.4	27.5	35.7	15.7	.5							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFCEC 140
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14623 STATION LORING AFB ME 70-19 YEARS
 ALL WEATHER CLASS
 CONDITION

1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.4	2.5	.5									5.4	3.3
NNE	1.5	.4	.2									2.2	3.2
NE	.5	.2										.8	2.4
ENE	.5	.5										1.2	3.2
E	1.4	.6	.2									2.6	3.7
ESE	.8	.4										1.2	3.3
SE	1.9	1.2	.1									3.1	3.2
SSE	1.5	3.2	1.4	.2								6.3	5.2
S	1.5	4.5	4.7	1.6								12.4	7.0
SSW	.5	1.7	2.5	.3								5.1	7.1
SW	1.6	2.7	2.3									6.6	5.6
WSW	1.5	1.8	1.5	.2								5.1	5.5
W	2.6	2.3	1.5	.4								6.8	5.1
WNW	1.1	1.8	1.7	.1								4.7	5.9
NW	1.0	1.5	2.0	.6	.1							5.6	7.0
NNW	2.5	4.6	2.2	.8								10.0	5.5
VARBL													
CALM												18.2	
	26.0	30.5	25.9	4.3	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14023 LORING AFB ME 70-79 ACB
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.8	.5									5.1	3.8
NNE	1.2	1.1										2.3	3.1
NE	1.0	.3	.1									1.4	2.8
ENE	1.1	.5										1.7	2.9
E	1.9	.5										2.5	2.9
ESE	.9	.5										1.5	3.3
SE	1.1	.6	.2									1.9	3.6
SSE	1.3	2.3	.5	.3								4.4	5.1
S	1.4	4.2	3.5	1.2								10.1	6.7
SSW	.5	3.1	3.2	.8								7.7	7.1
SW	1.5	3.0	2.3	.3								7.1	6.0
WSW	2.4	4.5	1.3									6.2	4.6
W	3.3	3.0	1.2									7.7	4.2
WNW	1.4	2.4	1.2	.2								5.2	5.5
NW	.5	1.9	1.4	.1								4.1	5.8
NNW	2.4	1.7	.8	.3								5.2	4.5
VARBL													
CALM												22.9	
	25.1	32.8	16.0	3.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-23 LOPING AFB WE YEARS 70-79 ALL
STATION NAME ALL WEATHER ALL
CLAS ALL
CONDITION ALL
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	2.2	1.2	.1								5.5	4.6
NNE	.8	.6	.2	.0								1.7	6.1
NE	.5	.5	.1									1.1	3.5
ENE	.9	.8	.1									1.8	2.1
E	1.4	.7	.1	.0								2.2	3.1
ESE	1.0	.7	.1									1.8	3.4
SE	1.3	.9	.1									2.3	3.5
SSE	1.3	1.7	1.0	.2								4.2	5.1
S	2.2	4.2	5.0	1.7	.1							13.1	7.0
SSW	.5	2.2	2.7	1.1	.1							6.9	7.3
SW	1.7	2.9	2.3	.9	.0	.0						6.3	6.4
WSW	1.7	2.6	2.1	.7	.0							7.1	6.2
W	2.0	2.4	1.0	.5	.1							7.0	5.8
WNW	1.1	2.7	2.3	.5	.0							6.0	6.0
NW	1.2	2.4	3.2	1.3	.1							8.1	7.3
NNW	1.6	2.6	2.5	1.0	.0							7.9	6.5
VASBL													
CALM												15.6	
	21.7	29.3	25.9	5.0	.5	.0						100.5	5.1

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1723 STATION NAME LORING AFB ME YEARS 76-79 MONTH SEP
CLASS ALL WEATHER
CONDITION _____
HOURS (LST) 1000-2200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.7	.4	.1								4.7	3.7
NNE	2.5	.7										2.7	2.7
NE	1.2	.9	.3									2.6	3.9
ENE	1.3											1.3	1.8
E	2.3	.8										3.1	3.1
ESE	1.2	1.1	.1									2.4	3.5
SE	.7	.7	.4									1.8	4.6
SSE	1.7	1.8	.2	.4								3.4	5.3
S	1.4	4.6	4.9	2.4	.1							13.4	7.6
SSW	1.7	3.7	2.2	.4								7.3	5.8
SW	1.3	2.4	1.4									5.2	5.2
WSW	1.6	2.1	.4									4.1	4.3
W	2.3	2.7	.8									5.8	4.1
WNW	1.0	1.9	.8	.1								3.8	5.1
NW	1.6	3.4	2.1	.7								7.9	6.0
NNW	3.4	4.0	2.1	.3	.1							10.0	5.1
VARBL													
CALM												20.6	
	26.7	31.7	16.3	4.6	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14223 STATION LORING AFB ME STATION NAME 70-79 YEARS SEP MONTH
ALL WEATHER CLASS 5303-5600 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.4	.3									5.9	3.5
NNE	1.7	.4	.4									2.6	3.9
NE	1.4	.4		.1								2.0	3.5
ENE	1.0	.2		.1								1.3	3.2
E	2.6	.8										3.3	2.6
ESE	1.3	.6										1.9	2.9
SE	1.0	.7	.6									2.7	4.0
SSE	.8	.4	.6	.2								2.0	5.7
S	2.1	5.2	5.0	2.0	.4							14.2	7.4
SSW	1.1	2.1	3.0	.3								6.6	6.6
SW	1.6	3.0	1.4	.1								6.1	5.2
WSW	1.2	2.0	.3	.4								4.0	5.2
W	1.3	1.3	.6	.1								3.3	4.7
WNW	1.3	1.3	1.1									3.6	4.9
NW	1.2	3.2	2.9	.4								7.8	6.3
NNW	2.2	3.6	1.1	.1								7.0	4.6
VARBL													
CALM												25.0	
	25.4	27.8	17.3	4.0	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION LORING AFB ME 70-79 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1600-0800
HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.7	1.1	.1								6.3	4.6
NNE	.8	.4	.3									1.6	4.2
NE	1.7	.5	.9									2.7	4.7
ENE	1.7	.2	.3	.2								2.4	4.2
E	2.4	.3										2.8	2.4
ESE	1.6	.7	.1									2.3	3.1
SE	1.1	.7	.6									2.3	4.9
SSE	.9	1.7	.9	.1								2.9	5.3
S	2.7	3.4	5.8	3.0	.2							15.1	7.8
SSW	1.6	3.7	3.7	1.6	.1							9.9	7.1
SW	1.9	1.8	2.1	.2								6.0	5.6
WSW	.7	2.2	1.4	.3								4.7	6.5
W	1.8	1.1	1.1	.7	.1							4.8	6.3
WNW	1.7	1.3	1.2	.3								4.3	5.8
NW	1.8	2.6	3.7	1.1	.2							9.3	7.0
NNW	2.1	3.6	2.9	.1	.1							8.2	5.7
VARBL													
CALM												14.3	
	25.3	26.2	25.2	8.1	.8							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14623 STATION LORING AFB ME STATION NAME 70-79 YEARS
ALL WEATHER CLASS
CONDITION
SEP MONTH
1953-1954 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	2.3	.4								3.6	6.7
NNE	.8	.6	.4									1.8	4.3
NE	.9	1.2	.6									2.6	4.2
ENE	.7	.6	.7									1.9	5.2
E	1.3	.9										2.2	3.1
ESE	.7	.7	.2									1.6	3.9
SE	1.0	.9	.7									2.6	4.5
SSE	1.4	1.6	1.3	.3								4.7	6.2
S	1.7	3.6	5.7	4.3	.2							15.4	8.5
SSW	.4	1.4	2.7	1.6	.1							6.2	8.7
SW	1.1	2.6	1.8	1.6	.1							7.1	7.4
WSW	1.1	2.0	3.4	1.0	.2							7.8	7.6
W	1.0	.9	2.7	1.2	.1							5.9	8.2
WNW	.7	1.1	3.1	1.6								6.4	8.4
NW	1.6	3.0	4.7	2.0	.2							11.4	7.7
NNW	1.0	3.1	3.7	2.4	.2							10.4	8.4
VARBL													
CALM												6.4	
	15.8	26.2	33.9	16.4	1.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10023 LORING AFB ME 75-79 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

1200-1400

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	1.9	.6								4.3	7.3
NNE	.4	.9	.4	.1								1.9	5.1
NE	.8	.7	.4		.1							2.0	5.5
ENE	.2	.2	.2									.7	4.8
E	1.3	.6										1.9	2.8
ESE	.9	.7	.4									2.0	4.3
SE	1.1	.6	.3	.2								2.2	4.7
SSE	.7	1.6	1.8	.7								4.7	7.0
S	1.4	2.5	5.4	3.9	.7							14.2	9.0
SSW	1.2	1.2	1.3	3.4	.7	.3						7.8	10.1
SW	1.2	2.1	3.8	1.3	.1							7.8	7.5
WSW	.4	1.8	2.6	2.1								5.9	8.5
W	1.0	2.2	3.6	1.1	.3							8.2	7.9
WNW	.2	1.3	3.6	2.1	.1	.1						7.4	9.3
NW	1.1	3.8	5.1	2.4	.1							12.6	7.9
NNW	.4	2.9	4.7	3.2	.8							12.0	9.6
VARBL													
CALM												3.4	
	13.0	24.7	34.8	21.2	2.4	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4623 STATION NAME LOPING AFB VE YEARS 75-79 MONTH SEP
CLASS ALL WEATHER
CONDITION _____
HOURS (L.S.T.) 1500-1700

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.3	1.3	.3								5.4	5.0
NNE	.6	.4	.4	.1								1.6	4.9
NE	1.1	.2	.2									1.6	3.3
ENE	.9	.6	.1									1.6	3.1
E	1.2	.8										1.8	3.4
ESE	1.1	.6	.1									2.0	3.2
SE	.7	.2	.2									1.1	4.1
SSE	1.3	1.8	1.3	.2								5.1	5.2
S	1.0	2.9	5.4	4.7	.7							14.7	9.4
SSW	.8	1.8	3.4	2.4	.6							9.9	9.2
SW	1.4	1.6	1.6	1.1								5.7	6.3
WSW	1.1	1.4	2.1	.9								5.6	6.9
W	.7	2.3	2.6	.4	.1							6.8	6.9
WNW	1.2	2.6	2.8	1.4	.2							8.2	7.5
NW	1.0	2.7	5.8	1.9	.4							11.8	8.4
NNW	1.0	2.8	5.1	2.6								11.4	8.0
VARBL													
CALM												6.8	
	17.3	25.0	32.8	19.1	2.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

CLICAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 31523 STATION NAME LOCKING AFB ME YEARS 70-79 MONTH SEP
ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	2.2	.6	.1								5.6	3.7
NNE	1.4	.4										1.9	2.7
NE	.7	.7	.2									1.5	4.1
ENE	1.2	.6	.1									1.9	3.1
E	1.3	.6	.1									2.0	3.1
ESE	1.4	.1	.4									2.0	3.2
SE	1.0	.3										1.3	2.6
SSE	1.2	2.4	.7									4.3	4.8
S	2.3	3.7	5.8	3.2		.1						15.1	7.9
SSW	.7	1.7	2.6	.8	.1							5.0	7.4
SW	.9	1.8	2.0	.8								5.4	6.8
WSW	1.2	2.4	.7									4.3	4.7
W	1.4	1.9	.3	.7								4.3	5.6
WNW	1.4	2.8	1.2	.4								5.9	5.6
NW	1.3	3.2	2.6	.7								7.4	6.5
NNW	2.9	3.8	3.6	.2								10.4	5.3
VARBL													
CALM												19.2	
	24.1	28.6	21.0	6.9	.1	.1						103.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16023 STATION LORING AFB ME STATION NAME 70-79 YEARS SEP NORTH
ALL WEATHER CLASS 2107-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.2	1.1									6.7	4.0
NNE	1.3	1.3	.2									2.9	3.7
NE	.7	.9	.4									2.0	4.4
ENE	.7	.4										1.1	3.0
E	1.7	1.1										2.8	3.2
ESE	1.6	.7	.1	.2								2.6	3.7
SE	.4	.2	.1									.8	4.0
SSE	.7	1.5	.6	.1								3.1	5.0
S	2.2	3.7	4.9	3.3	.1							14.2	7.6
SSW	1.1	2.6	2.0	.9								6.6	6.5
SW	.9	3.0	1.4									5.3	5.3
WSW	1.2	2.3	.6									4.1	4.5
W	2.1	3.7	.6	.1	.1							5.9	4.5
WNW	1.7	2.3	.7	.2								4.9	4.7
NW	1.3	2.6	2.2	.3								7.1	6.3
NNW	3.7	2.7	2.4	.6								9.3	5.1
VARBL													
CALM												20.7	
	24.6	31.0	17.3	6.2	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 906

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

44-23 STATION LORING AFB ME STATION NAME 75-79 YEARS SEP MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	2.1	1.1	.2								5.7	4.7
NNE	1.1	.7	.3	.0								2.1	3.8
NE	1.0	.7	.4	.2	.0							2.1	4.3
ENE	1.5	.3	.2	.0								1.5	3.6
E	1.7	.7	.0									2.5	2.9
ESE	1.2	.7	.2	.0								2.1	3.5
SE	.9	.5	.4	.0								1.8	4.3
SSE	1.1	1.5	.9	.3								3.8	5.6
S	1.9	3.7	5.4	3.4	.3	.0						14.6	8.2
SSW	1.1	2.1	2.6	1.4	.1	.0						7.4	7.7
SW	1.3	2.3	1.8	.6	.0							6.1	6.3
WSW	1.1	2.0	1.4	.6	.0							5.2	6.4
W	1.5	2.0	1.5	.5	.1							5.6	6.3
WNW	1.1	1.9	1.8	.8	.3	.0						5.6	6.8
NW	1.3	3.1	3.6	1.2	.1							9.4	7.2
NNW	2.1	3.3	3.1	1.2	.2							9.9	5.7
VARBL													
CALM												14.6	
	21.5	27.6	24.8	10.4	.9	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7200

JOINT CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23 STATION LOPING AFB ME STATION NAME 70-79 YEARS 1000-3200 HOURS (L.S.T.)
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.7	2.2	.3								0.2	3.6
NNE	.5	.5	.3									1.4	4.3
NE	.4	1.4	.3									2.2	4.7
ENE	.8	.6	.1									1.5	3.6
E	1.9	1.1	.5	.1								3.7	4.1
ESE	1.2	.6	.1									2.0	3.5
SE	.9	.5	.1									1.5	3.5
SSE	1.4	1.8	.9	.2								4.3	5.1
S	2.8	4.0	5.1	1.7								13.5	6.9
SSW	1.1	2.3	1.4	.9								5.6	6.6
SW	1.5	2.3	2.3									6.2	5.4
WSW	1.7	2.2	1.4	.2								5.5	5.3
W	2.2	3.0	1.3	.5								7.0	5.4
WNW	1.2	1.6	1.8	.6								5.4	6.3
NW	.9	2.0	1.8	1.4	.3							6.5	6.2
NNW	2.6	2.2	1.1	.8	.2							6.9	5.6
VARBL													
CALM												15.9	
	23.2	29.8	20.5	6.9	.5							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14:23 00000 AFB ME 78-79 OCT 1978

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

1302-0800

HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	1.6	.4								6.2	5.8
NNE	1.0	1.1	.3									2.4	4.3
NE	.3	1.2	.6									1.2	5.3
ENE	.6	1.7	.4									2.3	4.7
E	1.4	.9	.3									2.6	3.8
ESE	.9	.4	.1									1.4	3.2
SE	.1	.2										.3	3.7
SSE	1.3	2.2	.6	.6								4.7	5.9
S	2.2	3.9	4.5	1.1								11.6	6.5
SSW	.9	1.6	2.8	1.2								6.5	7.7
SW	1.7	2.9	1.4	.4	.1							6.5	5.9
WSW	1.3	2.2	1.4	.4								5.3	6.5
W	1.9	2.2	1.7	.5								6.3	5.7
WNW	1.2	2.2	1.8	.8								5.9	6.4
NW	.8	1.8	2.3	.6	.3	.1						5.9	7.3
NNW	2.6	2.6	2.0	1.4	.1							3.7	6.5
VARBL													
CALM												21.4	
	19.5	28.7	22.3	7.5	.5	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4123 LOSING AFB ME STATION NAME 70-79 YEARS OCT
ALL WEATHER MONTH 06-10-1960
 CLASS NOV 60 (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.1	3.1	.3								6.1	9.4
NNE	1.1	1.1	.8									2.9	4.2
NE	.5	1.3	.2									2.0	4.6
ENE	1.8	1.3	.2	.1								3.4	3.6
E	1.8	.6	.2	.2	.1							3.0	4.3
ESE	1.1	.5										1.6	3.1
SE	1.5	.3	.1									1.9	2.6
SSE	.6	1.7	.8	.4								3.5	5.4
S	1.4	4.4	4.7	1.8	.2							12.6	7.4
SSW	1.3	1.6	2.6	1.1	.1							6.9	7.3
SW	1.2	2.9	1.6	.9								6.6	6.3
WSW	1.3	1.6	2.2	.4								5.2	6.7
W	2.3	2.2	2.7	.9								8.0	6.2
WNW	1.1	1.7	1.5	.8	.4							5.5	7.6
NW	1.4	1.6	2.7	1.5		.1						7.3	8.0
NNW	1.4	3.2	2.5	1.5	.5							8.9	7.8
VARBL													
CALM												14.5	
	21.1	27.0	26.0	9.9	1.4	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23 STATION LORING AFB ME 70-79 YEARS OCT MONTH 1900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	2.6	1.1								5.3	8.0
NNE	1.0	1.1	.5	.1	.1							2.8	5.5
NE	.9	2.0	.5									3.7	5.8
ENE	.3	1.0	.8	.3								2.4	6.8
E	.9	.5	.1	.2	.1							1.7	5.5
ESE	.5	.5	.2									1.3	4.1
SE	1.0	.3	.5									1.9	4.5
SSE	.5	1.5	1.7	.4								4.0	6.2
S	1.2	3.2	6.9	2.3	.2	.1						13.9	8.3
SSW	1.1	1.5	3.9	1.2	.1	.1						7.8	8.2
SW	.5	1.9	2.2	1.5	.1	.1						6.2	8.4
WSW	.5	1.3	2.2	1.2	.1	.1						6.1	8.1
W	.6	2.2	3.1	1.8	.2	.2						6.2	9.1
WNW	.5	1.0	1.8	.8	.3	.1						4.5	9.0
NW	.9	1.5	5.1	3.1	.3	.3						11.5	9.2
NNW	.4	2.0	5.3	4.9	.3							13.0	9.5
VARBL													
CALM												5.5	
	11.8	24.0	36.9	18.9	1.9	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL METEOROLOGICAL BRANCH
AFSTAC
ALL WEATHER SERVICE (WAC)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4.23 STATION LORING AFB ME 70-79 YEARS OCT 1970
STATION NAME YEARS MONTHS (L & T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.2	1.9	.5								4.5	3.9
NNE	.5	1.2	.1	.1								1.9	3.7
NE	1.1	1.4	.5									3.0	3.0
ENE	.8	1.1	.8	.1								2.4	3.0
E	.7	.9	.4	.1								1.4	3.2
ESE	.5	.6										1.4	3.3
SE	.8	.1	.4	.1								1.4	3.3
SSE	.3	1.2	2.7	.6			.1					4.9	3.6
S	.6	2.3	6.5	3.1	.1							12.9	3.9
SSW	.5	1.3	3.2	1.5	.9							7.5	3.5
SW	.3	2.5	2.7	1.5	.2	.1						7.3	3.5
WSW	.6	1.6	2.6	1.9	.2	.1						7.1	3.0
W	.6	1.2	3.2	3.0	.7	.3						6.6	3.2
WNW	.6	1.7	3.2	1.0	.2							5.8	2.9
NW	.2	2.8	5.3	3.5	.1	.3	.1					12.5	3.8
NNW	.5	2.9	4.5	4.1	.6	.2						12.9	4.3
VARBL													
CALM												3.3	
	9.0	23.3	38.4	21.6	2.6	1.1	.2					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1423 STATION LORING AFB ME 77-79 YEARS OCT MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	.9	.2	.1							4.8	5.4
NNE	.9	.8	.2									1.8	4.2
NE	.4	.4	.4									1.3	5.0
ENE	.4	1.1	.5									2.0	5.1
E	1.4	.5	.5	.1								2.7	4.8
ESE	.4	.2	.1	.1								.9	4.8
SE	.9	.9	.2									1.9	4.0
SSE	1.6	2.3	3.1	.6	.1							7.7	6.6
S	1.6	2.5	5.8	2.4	.1							12.4	8.5
SSW	.6	1.2	1.9	1.4								5.2	8.7
SW	.6	1.8	2.6	1.0	.2	.1						6.3	7.9
WSW	1.2	1.3	2.0	.9	.1	.1						5.5	7.6
W	1.9	2.8	3.3	2.3	.3	.1						10.8	7.9
WNW	1.1	1.9	1.8	.9								5.7	6.9
NW	.4	2.7	4.0	1.7	.3	.1	.1					9.4	8.9
NNW	2.2	3.3	5.4	2.6	.1	.2						13.8	7.9
VARBL													
CALM												7.3	
	17.2	25.8	33.0	14.0	1.4	.6	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14.23 STATION LORING AFB ME 70-79 YEARS
STATION NAME
ALL WEATHER
CLASS
CONDITION
CCT MONTH 1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.7	1.3	.5								7.8	4.9
NNE	.8	1.0	.1									1.8	3.9
NE	.6	1.3	.1									1.7	4.1
ENE	.9	.9	.2									1.9	3.7
E	1.3	.2	.2	.3	.1							2.2	5.5
ESE	1.4	.5										1.9	2.8
SE	.7	.9	.2									1.9	4.1
SSE	.9	1.8	1.5	.9								5.1	6.9
S	2.0	3.5	4.8	2.2								12.6	7.2
SSW	.6	1.2	2.7	.8	.2							3.5	8.0
SW	1.4	1.9	1.7	.5								5.6	6.0
WSW	.4	1.0	.9	.3								2.6	6.8
W	1.9	1.9	2.5	1.5	.1							8.0	7.0
WNW	.5	1.7	.8	1.1								4.1	7.7
NW	1.9	2.0	1.8	1.1	.1	.1						7.1	6.9
NNW	2.9	4.8	3.3	1.4	.2	.1						12.8	6.4
VARBL													
CALM												17.4	
	21.2	28.1	21.8	17.5	.8	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION LORING AFB ME 70-79 301 MONTH
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.2	1.7	.3								7.7	5.2
NNE	.5	1.2	.3									2.0	4.4
NE	1.2	.6	.4									2.3	3.9
ENE	1.7	.6	.1	.1								1.9	4.1
E	.9	1.3	.5	.1								2.3	4.7
ESE	1.4	1.1	.5									3.0	4.5
SE	.9	.8										1.6	3.2
SSE	1.3	1.3	1.1	.4								4.1	5.8
S	1.9	3.2	5.4	2.0	.3							12.9	7.5
SSW	1.4	2.0	3.2	.9								7.5	6.8
SW	1.2	2.0	1.3	.2								4.7	5.4
WSW	1.5	1.2	.9	.1								3.6	4.9
W	1.4	3.0	3.5	.8								8.2	6.4
WNW	1.8	1.2	1.3	1.1								5.4	6.3
NW	1.2	1.6	1.8	1.1	.1	.2						6.0	6.0
NNW	3.4	2.4	1.9	.6	.1	.2						8.7	5.8
VARBL													
CALM												17.3	
	23.5	26.9	23.5	7.7	.5	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23 STATION LORING AFB ME 70-79 YEARS OCT MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.3	1.9	.5	.7							6.3	5.9
NNE	.8	1.0	.3	.0	.0							2.1	4.6
NE	.7	1.2	.4									2.3	4.6
ENE	.8	1.0	.4	.1								2.2	4.6
E	1.2	.7	.4	.1	.2							2.5	4.7
ESE	.9	.6	.1	.0								1.7	3.8
SE	.8	.5	.2	.0								1.6	3.9
SSE	1.0	1.8	1.5	.5	.3		.7					4.8	6.5
S	1.7	3.4	5.5	2.1	.1	.0						12.8	7.6
SSW	.9	1.6	2.7	1.1	.2	.0						6.6	7.9
SW	1.1	2.3	2.0	.8	.1	.2						6.2	6.8
WSW	1.1	1.6	1.7	.7	.1	.0						5.1	7.0
W	1.6	2.3	2.6	1.4	.1	.1						8.1	7.4
WNW	1.0	1.6	1.8	.9	.1	.0						5.4	7.3
NW	1.0	2.1	3.1	1.6	.2	.2	.0					8.3	8.7
NNW	2.0	2.9	3.3	2.2	.3	.1						10.7	7.7
VARBL													
CALM												13.3	
	18.3	26.7	27.8	12.1	1.2	.4	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7410

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14523
STATION

LOPING AFB ME
STATION NAME

75-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

3000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.4	1.6	.1								5.9	5.2
NNE	.3	1.2	.7	.1								2.3	6.1
NE	.2	.9	.8	.1								2.6	5.2
ENE	.7	.8	.2	.1								1.8	4.8
E	.9	1.2	.1									2.2	4.2
ESE	1.0	1.2	.3	.1								2.7	4.5
SE	.6	1.0	.3									1.9	4.8
SSE	1.1	.6	1.3	.9								3.9	7.0
S	1.9	3.3	2.7	1.9	.2							10.0	7.4
SSW	.6	.9	1.0	.8								3.2	7.4
SW	.9	2.1	1.6	.1								4.7	5.7
WSW	1.2	2.2	1.6	.6								5.6	6.1
W	2.0	2.6	3.4	1.1								9.1	6.6
WNW	1.2	1.4	2.6	1.8	.1							7.1	7.9
NW	1.8	1.7	3.0	1.3		.2	.1					8.1	7.9
NNW	1.2	4.6	2.3	2.7	.3							11.1	7.9
VARBL													
CALM												17.9	
	17.9	28.1	23.4	11.7	.7	.2	.1					107.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFMFLTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

19423 STATION LORING AFB ME 70-79 YEARS
ALL WEATHER CLASS
CONDITION
NCV MONTH 0300-0500 HOURS (L & T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	1.9									5.9	5.5
NNE	.6	.7	.6	.1								1.9	5.4
NE	.7	.9	.4									2.0	4.4
ENE	.8	1.2	.3	.3								2.7	5.2
E	1.6	1.4	.6									3.6	4.0
ESE	2.1	1.1	.7	.2								4.1	4.2
SE	.4	.3	.4									1.2	5.1
SSE	1.2	.6	1.3	.2								3.3	5.4
S	1.7	1.9	3.6	2.1								9.2	7.5
SSW	1.2	.9	1.1	.6								3.8	6.3
SW	.3	2.2	2.1	.6								5.2	7.0
WSW	.6	2.2	2.2	.4	.1							5.6	6.9
W	1.0	4.0	3.1	.9	.1							9.1	6.7
WNW	.9	1.4	2.6	1.3								6.2	7.8
NW	1.1	1.9	3.2	1.7	.1	.2						8.1	6.5
NNW	1.7	2.7	2.9	1.8	.6							9.6	7.8
VARBL													
CALM												16.9	
	17.1	26.0	25.7	15.2	.9	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14023 STATION NAME LORING AFB ME YEARS 70-79 NOV NORTH
CLASS ALL WEATHER 1600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.1	2.2	.4								7.2	5.9
NNE	.4	.9	.4	.1								1.9	5.7
NE	.9	.8	.3	.1								2.1	4.7
ENE	.9	1.1	.9	.3								3.2	5.3
E	1.2	1.3	.3	.4								3.3	5.1
ESE	1.5	1.3	.6	.2								3.7	5.1
SE	.8	.7	.2	.1								1.8	4.9
SSE	.2	.6	.4	.8								2.0	9.0
S	1.2	2.1	3.6	2.1								9.0	8.1
SSW	.9	.7	1.2	.9								3.7	7.3
SW	.5	1.8	1.8	1.2								5.3	7.6
WSW	1.2	3.1	2.6	1.1								8.0	6.7
W	1.7	2.7	2.7	1.2								8.2	6.9
WNW	1.1	2.1	2.7	.6								6.4	6.6
NW	.7	.9	2.9	1.4	.6	.2						6.7	9.6
NNW	1.3	1.9	2.7	1.7	.2							7.8	7.7
VARBL													
CALM												19.7	
	16.1	25.0	25.4	12.8	.8	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-423 LONGING AFB ME STATION NAME 70-79 YEARS 40Y MONTH 1900-1100
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.4	3.8	.5	.1							7.8	7.4
NNE	.7	1.2	.6	.2								2.7	5.7
NE	.7	1.1	.2	.1								2.1	4.8
ENE	.6	1.1	.1	.1	.1							2.0	5.6
E	2.1	1.9	.7	.3								5.3	4.7
ESE	.9	1.3	1.0									3.2	5.2
SE	.3	.7	.4	.2								2.1	5.6
SSE	1.3	.9	1.6	.2								4.5	6.1
S	1.1	2.8	5.2	1.9								10.6	7.9
SSW	.8	1.0	1.8	.7								4.2	7.4
SW	1.1	.9	2.2	.8								4.8	7.2
WSW	1.2	1.2	1.4	1.3	.1							5.8	7.8
W	.9	2.3	4.5	2.4	.9							11.3	9.3
WNW	1.5	1.8	2.6	2.1	.7	.1						8.2	9.4
NW	1.2	2.2	3.7	2.3	.2							9.0	8.5
NNW	1.0	1.8	3.2	3.2	.8	.1						10.1	9.7
VARBL													
CALM												6.9	
	15.8	25.3	32.3	16.6	2.9	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23
STATION

LOPING AFB ME

STATION NAME

77-79

YEARS

NDV

NORTH

ALL WEATHER

CLASS

1213-1400

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.3	2.1	.4	.1							6.2	6.7
NNE	.6	.5	.4	.2								1.8	5.0
NE	.6	.4	.3									1.3	4.9
ENE	1.2	1.2	.3									2.8	4.7
E	1.3	1.9	.4	.2								3.9	4.8
ESE	1.6	.4	.1	.1								2.2	5.7
SE	.9	1.1	.3	.1								2.4	5.0
SSE	.7	1.3	1.2	.9	.3							4.4	8.2
S	1.2	2.7	4.6	2.4								13.9	8.1
SSW	1.3	1.4	2.7	.3	.1							4.9	6.6
SW	1.1	1.6	1.7	.7								5.0	6.6
WSW	1.1	1.6	2.3	2.0	.2							6.9	8.5
W	.6	2.2	3.9	3.6	.7		.1					11.0	10.0
WNW	.8	1.1	3.8	2.2	1.2							9.1	10.1
NW	1.3	2.8	4.0	3.9	.3	.3						12.7	9.4
NNW	.5	1.9	3.2	3.4	.3	.3						9.6	10.4
VARBL													
CALM												4.9	
	14.8	25.2	30.4	20.6	3.3	.7	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

900

CLIMAT CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1423 STATION LOPING AFB ME STATION NAME 75-79 YEARS NOV MONTH 1500-1727 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.8	1.8	.4								5.4	5.1
NNE	.9	.3	.6									2.0	5.1
NE	.7	.6	.6									1.8	4.9
ENE	.9	.3	.7									1.9	4.5
E	1.0	.6	.9	.1								2.6	5.2
ESE	1.8	1.3	.1	.2								3.4	4.0
SE	1.7	.7	.1	.2								2.7	4.3
SSE	1.6	2.0	.9	.7	.1							5.4	5.8
S	2.6	3.1	2.9	1.6	.1							10.2	6.7
SSW	.7	.8	1.3	.6		.1						3.4	7.7
SW	1.0	.7	1.4	.6								3.7	6.6
WSW	.8	1.6	2.2	1.3	.3							5.9	8.2
W	1.4	3.1	4.7	3.2	.2							12.7	8.5
WNW	.8	2.1	2.4	2.4	.7							3.4	9.2
NW	1.1	1.8	3.1	1.7	.4							5.1	8.7
NNW	1.6	3.0	3.2	1.8	.9	.1	.					10.7	8.7
VARBL													
CALM												11.7	
	20.0	23.7	27.1	14.4	2.5	.2	.1					120.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-73 STATION LORING AFB ME 77-79 YEARS NOV MONTH 1800-2000 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.7	1.2	.3								5.3	5.6
NNE	1.1	.3	1.7	.1								1.6	5.6
NE	.7	.4	.7									1.8	5.4
ENE	.8	.8	.3	.1								2.0	5.1
E	2.1	.9	.2									3.1	3.4
ESE	2.2	1.0	.6									3.8	3.5
SE	1.0	1.0	.2									3.2	3.7
SSE	.8	.9	1.2	.7								3.6	7.1
S	1.9	3.6	2.3	1.9								9.7	6.9
SSW	.8	1.3	1.7	.1								3.2	5.4
SW	1.5	1.9	.9	.2								4.3	5.1
WSW	.9	1.2	3.3	.6								5.7	7.5
W	1.7	4.2	4.3	1.9	.2							11.7	7.9
WNW	.7	1.7	2.3	1.2	.4							6.3	9.0
NW	.9	2.7	2.5	1.3	.1	.2	.1					6.1	8.4
NNW	1.4	4.1	2.4	2.7	.4							10.5	7.6
VARBL													
CALM												15.0	
	16.6	28.7	24.6	16.5	1.2	.2	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-023 LORING AFB ME STATION NAME 71-79 YEARS 40
CLASS ALL WEATHER NORTH 2107-2300
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.2	1.2	.2								8.4	3.6
NNE	1.7	.7	.6	.2	.1							2.6	5.3
NE	.3	1.2	.4	.1								2.1	6.6
ENE	1.1	1.1	.3									2.6	4.0
E	2.2	.8	.2									3.2	3.1
ESE	.6	.9	.6	.3								2.8	5.9
SE	1.1	.4	.2									1.6	3.6
SSE	1.3	.7	1.1	.6								3.5	6.3
S	1.4	2.6	3.8	2.2	.2							13.3	7.9
SSW	.7	1.1	1.6	.2								3.6	6.8
SW	.7	1.7	1.2	.2								3.8	6.2
WSW	.7	1.6	1.4	.2								3.9	6.3
W	1.0	3.3	3.3	1.8								9.5	7.5
WNW	1.3	2.9	2.2	1.7	.6							8.7	8.2
NW	.6	2.2	3.5	1.8		.3						7.9	8.8
NNW	2.7	3.9	3.1	1.7	.4							11.8	7.1
VARBL													
CALM												16.4	
	17.6	28.1	24.7	11.3	1.3	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE 140

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-23 STATION NAME LORING AFB ME 7-79 YEARS NORTH
ALL WEATHERED
CLASS
CONDITION
ALL
MOUSE (L S T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	2.7	.3	.7							6.1	5.4
NNE	.7	.7	.7	.1	.7							2.2	5.7
NE	.7	.6	.5	.1								2.7	5.6
ENE	.9	1.3	.4	.1	.7							2.4	4.5
E	1.5	1.3	.4	.1								3.4	4.3
ESE	1.5	1.1	.5	.2								3.2	4.5
SE	.9	.7	.3	.1								2.0	4.5
SSE	1.1	.9	1.1	.6	.1							3.7	5.7
S	1.4	2.8	3.5	2.0	.1							13.0	7.6
SSW	.8	1.0	1.4	.5	.7	.7						3.5	6.7
SW	.9	1.5	1.5	.5								4.6	6.6
WSW	.9	1.9	2.1	.9	.1							5.9	7.3
W	1.2	3.1	3.8	2.0	.3		.0					10.3	8.0
WNW	1.7	1.3	2.6	1.7	.5	.7						7.6	8.6
NW	1.1	2.0	3.2	1.9	.2	.2	.0					8.6	8.7
NNW	1.4	3.7	2.9	2.3	.5	.1	.0					10.1	8.3
VARBL													
CALM												14.0	
	17.3	26.3	46.9	13.5	1.7	.3	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7195

JOINT CLIMATE CENTER
 WASHINGTON, D.C.
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20 LOSING AFB MO STATION NAME SP-76 YEARS 1960
ALL WEATHER
 CLASS 10-100
 COORDINATES 30° 15' N 90° 15' W

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.5	1.6	.3								6.2	1.6
NNE	1.6	.9	.9	.1	.1							2.5	1.6
NE	1.7	1.2	.5	.1								3.4	1.6
ENE	1.1	.3	.2	.2	.1							2.4	1.6
E	1.2	1.5	.3	.1								2.9	1.6
ESE	.5	.9	.3	.1								2.7	1.6
SE	.9	.3	.3	.2								2.2	1.6
SSE	.9	1.7	.8	.9	.1							3.7	1.6
S	1.2	1.1	1.2	1.9	.1	.1						5.1	1.6
SSW	.6	1.1	1.1	.5								3.1	1.6
SW	1.7	1.2	.6									2.6	1.6
WSW	1.7	1.7	2.7	.4		.1						4.5	1.6
W	1.1	2.3	3.4	1.6	.1	.2						6.5	1.6
WNW	1.7	2.5	2.7	1.1	.6	.2						7.1	1.6
NW	.3	1.9	3.2	3.9	.6	.3						12.6	1.6
NNW	1.4	2.5	3.6	3.9	1.4	.2						13.1	1.6
VARBL													
CALM												15.7	
	1.0	22.5	23.8	15.4	3.3	1.2						75.8	1.6

TOTAL NUMBER OF OBSERVATIONS 957

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-23 LORING AFB ME 69-78 DEC
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	1.7	2.5	.5	.1							7.8	5.7
NNE	1.1	1.5	.6									3.3	4.5
NE	1.4	1.2	.4	.2								3.2	4.7
ENE	1.7	1.1	.3	.1	.1							3.3	4.6
E	1.6	1.4	.6	.2		.1						4.0	5.1
ESE	.9	.9	.8	.1								2.6	5.2
SE	.5	.1	.8	.1								1.5	6.3
SSE		.4	1.7	1.1	.1	.1						2.7	11.3
S	.5	1.4	1.7	1.7	.1	.3						5.8	9.4
SSW	.3	.4	.2	.3								1.8	7.1
SW	.6	1.5	1.7	.4								3.4	6.7
WSW	.9	1.6	1.5	.2								4.2	5.9
W	1.1	2.2	3.1	1.2	.4	.3						8.3	8.4
WNW	1.7	1.1	2.9	1.4	.1							6.5	8.3
NW	1.4	3.7	3.8	4.2	1.1	.1						13.5	9.7
NNW	1.7	3.2	3.2	3.4	.5	.3						12.5	9.0
VARBL													
CAIM												15.5	
	17.6	22.8	24.9	15.3	2.6	1.3						170.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

JOURNAL CLIMATOLOGY FRANCH
 1. AFETAC
 AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION LORING AFB ME 69-78 YEARS DEC MONTH
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	2.3	.6	.3							7.1	6.7
NNE	1.2	1.7	.6									3.5	4.2
NE	1.8	.6	.3	.1								2.9	3.7
ENE	1.8	.8	1.1	.1	.1							3.9	5.3
E	2.2	1.2	.5	.3								4.2	4.5
ESE	.2	.4	.3									1.5	4.4
SE	.6	1.0	.5									2.2	4.9
SSE	.4	.4	1.4	.6								2.9	5.3
S	1.2	.9	1.8	1.8	.2	.1						6.0	8.3
SSW	.3	1.2	1.1	.4	.1	.1						3.2	8.2
SW	.8	2.7	1.6	.3								4.7	5.1
WSW	.4	1.7	1.3	.6		.2						4.3	7.2
W	1.3	3.2	2.8	1.5	.4	.1						5.4	7.6
WNW	.9	1.3	2.5	1.0	.1							5.7	6.0
NW	1.3	1.9	3.5	2.9	.5	.4						13.5	9.4
NNW	2.0	3.9	2.8	4.3	.4	.1						13.5	8.5
VARBL													
CALM												14.4	
	18.7	24.3	24.5	14.7	2.3	1.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23 LORING AFB VC 69-78 DEC
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	2.4	.6								7.4	6.1
NNE	1.2	1.2	.6									2.5	3.1
NE	1.5	1.3	1.5									4.3	4.9
ENE	1.2	1.4	1.7									2.5	4.5
E	1.7	2.4	1.7	.3	.2							4.5	5.9
ESE	.5	1.7	.8									2.5	5.7
SE	1.5	.5	.5	.1								2.7	4.4
SSE	.5	.5	.8	.9	.1							3.0	8.5
S	1.3	1.5	2.3	2.2	.2							7.4	8.5
SSW	.3	1.4	1.2	.4								3.3	7.0
SW	.6	1.5	1.7	.8	.2							4.1	7.4
WSW	.9	1.7	2.5	.6	.2							5.2	7.9
W	1.5	.6	2.8	1.9	.5							3.5	9.1
WNW	.8	1.5	2.6	1.4	.9	.1						7.2	9.6
NW	1.2	2.5	2.3	4.4	1.3	.5						12.2	11.1
NNW	1.8	2.2	4.7	4.7	1.1	.4	.1					14.3	19.2
VARBL													
CALM												7.5	
	17.8	23.2	27.3	18.4	4.8	1.1	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
 147 TAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-73 STATION LORING AFB ME 69-78 YEARS DEC NORTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	1.2	2.7	2.7	1.0	.1							7.0	7.7
NNE	.8	.8	.6	.1								2.3	5.4
NE	.4	.5	.8	.1								1.6	5.8
ENE	.4	.9	.8	.2								2.3	6.3
E	1.4	2.2	.9	.4	.3							5.2	6.5
ESE	.5	1.5	.9	.1								3.2	5.4
SE	1.3	1.1	.3									2.4	4.3
SSE	.8	.6	1.0	.5	.1							3.0	7.6
S	1.3	1.9	3.1	1.5								7.8	7.6
SSW	.4	.8	1.5	.8								3.4	6.0
SW	.8	1.2	1.6	.3	.1							4.0	6.7
WSW	.3	.4	2.2	.6	.4							4.0	9.4
W	.6	1.8	1.5	2.8	.4							7.2	9.5
WNW	1.0	2.5	2.3	1.7	.5	.2	.1					5.3	9.3
NW	1.1	2.0	4.3	5.9	2.6	.9						16.8	12.0
NNW	1.1	2.5	5.1	4.6	1.4	.4						15.1	10.4
VARBL													
CALM												5.3	
	13.2	22.7	29.4	20.8	6.0	1.5	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-23 STATION LORING AFB ME 60-78 YEARS DEC MONTH 1960-1970 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.8	1.8	.5	.1							7.3	5.8
NNE	1.1	.5	.4									2.2	4.7
NE	.5	.9	.4	.3								2.2	5.5
ENE	1.1	.4	.1									1.5	5.3
E	1.4	1.1	1.3	.5	.2							4.5	6.7
ESE	2.0	.8	1.7	.2								4.6	4.9
SE	.6	.9	.5	.1								2.2	5.6
SSE	.8	1.5	1.1	.6	.1							3.9	7.5
S	1.3	2.3	2.6	.6								6.8	6.4
SSW	.8	.8	.9	.3								2.7	6.4
SW		.3	.3									.6	6.8
WSW	.4	1.5	1.3	.6	.2							4.1	8.1
W	1.7	1.1	2.9	2.0	.4	.1						7.5	9.5
WNW	1.7	1.3	2.7	1.6	.4	.1	.1					7.4	8.8
NW	.3	2.5	5.5	4.3	1.8	.4						14.8	11.2
NNW	1.9	4.2	5.7	4.1	.8	.1						16.2	8.7
VARBL													
CALM												12.0	
	16.3	22.8	27.4	16.0	4.1	.8	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-23 STATION LORING AFB ME 69-78 YEARS DEC NORTH
ALL WEATHER CLASS
CONDITION

SPED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	3.1	2.8	.8	.1							8.8	5.4
NNE	.9	.3	.5									2.2	5.0
NE	1.1	.6	.5	.1								2.4	5.7
ENE	1.1	.3	.4									1.6	4.7
E	2.8	1.4	1.7	.1	.2							5.5	5.7
ESE	1.2	1.3	.6									3.1	4.7
SE	1.1	.3	.2									2.0	3.7
SSE	.3	1.4	.6	.5	.2							3.1	7.7
S	1.3	1.7	1.8	.5	.3	.1						5.8	7.9
SSW	.2	.5	.9	.4								2.0	7.6
SW	.3	1.3	.3									1.9	5.3
WSW	.6	.6	1.2	.8		.1						3.3	8.6
W	.9	2.5	3.3	1.8	.2							8.7	8.2
WNW	1.3	1.4	1.4	1.3	.5							5.9	8.3
NW	1.0	1.3	4.3	2.9	1.7	.3	.1					12.2	10.8
NNW	3.7	5.7	4.6	3.9	.2	.1						17.5	7.5
VARBL													
CALM												13.7	
	19.0	25.3	24.6	13.1	3.5	.6	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14 23 LORING AFB ME YEARS 69-78 MONTH DEC
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 1100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.4	1.3	1.0								7.7	5.7
NNE	.9	.9	.2									1.9	4.3
NE	1.1	1.2	.5	.1								2.9	4.9
ENE	.8	.5	.4	.2								1.9	5.2
E	1.2	1.9	.4	.3								3.9	5.2
ESE	1.4	1.5	.5	.2								3.8	4.5
SE	.6	.4	.1	.2								1.4	5.3
SSE	1.0	.9	.8	.5								3.1	6.2
S	.9	2.3	1.7	.9	.1							5.8	7.3
SSW	.5	.4	1.2	.1								2.3	6.6
SW	.4	1.5	1.3	.4								3.7	6.8
WSW	.3	1.6	1.7	.9	.2							4.7	6.0
W	1.1	1.8	2.4	1.9	.3							7.5	6.4
WNW	.5	1.1	2.4	1.5	.4		.2					6.1	15.2
NW	1.5	2.7	2.8	4.9	.3	.1						11.7	9.5
NNW	1.6	4.8	5.1	3.3	.6	.2						15.7	8.6
VARBL													
CALM												15.6	
	15.8	26.5	22.8	16.6	2.0	.3	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14-23 LORING AFB ME STATION NAME 69-78 YEARS DEC
MONTH ALL
CLASS ALL
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.6	2.2	.7	.1							7.4	5.1
NNE	1.0	1.3	.6	.0	.0							2.7	4.0
NE	1.1	.0	.6	.1								2.8	4.9
ENE	1.1	.6	.5	.1	.0							2.6	4.0
E	1.3	1.5	.8	.3	.1	.0						4.5	5.4
ESE	1.1	1.3	.6	.1								2.2	4.9
SE	.9	.7	.4	.1								2.1	4.9
SSE	.6	.9	.9	.7	.1	.0						3.2	5.1
S	1.2	1.6	2.1	1.4	.1	.1						6.5	5.0
SSW	.4	.6	1.1	.4	.0	.0						2.7	7.3
SW	.6	1.3	.9	.3	.0							3.1	6.4
WSW	.6	1.2	1.7	.6	.1	.1						4.3	7.8
W	1.0	2.0	2.8	1.9	.4	.1						5.1	6.6
WNW	1.0	1.6	2.4	1.4	.5	.1	.1					6.9	8.9
NW	1.1	2.2	3.7	4.2	1.2	.4	.3					12.8	10.6
NNW	1.5	3.6	4.2	4.0	.6	.2	.0					14.7	9.0
VARBL													
CALM												12.7	
	17.1	23.7	25.5	16.3	3.6	1.0	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-123 STATION NAME LOPING AFB ME YEARS 60-79 ALL MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.4	1.8	.5	.7	.7						6.6	5.7
NNE	.9	.9	.5	.1	.							2.4	5.0
NE	.9	.9	.5	.1	.7							2.3	4.8
ENE	.9	.8	.5	.1	.7	.7						2.3	4.9
E	1.6	1.1	.8	.2	.7	.6						3.4	4.6
ESE	1.7	.8	.3	.1	.7	.7	.7					2.3	4.4
SE	.9	.8	.3	.1	.7							2.1	4.4
SSE	1.7	1.4	1.3	.6	.1	.7	.7					6.4	6.9
S	1.6	3.1	4.5	2.5	.3	.7	.7	.7				12.0	8.1
SSW	.8	1.5	2.7	1.7	.1	.7	.7					5.4	7.8
SW	1.7	1.9	1.6	.6	.7	.7		.7				5.1	6.5
WSW	1.7	1.7	1.5	.6	.1	.7	.7					4.9	6.9
W	1.4	2.2	2.2	1.2	.2	.7	.7					7.2	7.4
WNW	.9	1.5	2.1	1.2	.3	.1	.7					4.4	8.1
NW	1.7	2.1	3.3	2.7	.6	.2	.7					12.0	9.5
NNW	1.7	2.8	3.2	2.4	.4	.1	.7					10.7	8.2
VARBL													
CALM												12.7	
	16.2	26.2	26.3	13.8	2.2	.5	.7	.7				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 87633

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-23 STATION 69-79 ALL
STATION NAME YEARS
INSTRUMENT
CLASS
CIG 200 TO 1400 FT 4/ VSBY 1/2 MI OR MORE.
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI *CIG 200 FT OR MORE
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	2.6	.7	.2							7.4	5.6
NNE	.9	1.6	1.0	.2	.2							3.7	5.7
NE	1.1	1.5	1.2	.2								3.9	5.6
ENE	1.4	1.7	1.3	.3	.2							4.7	5.7
E	2.1	2.4	1.6	.6	.1	.2						6.7	5.9
ESE	1.4	1.6	1.1	.3	.2	.2						4.6	5.6
SE	1.3	1.6	.9	.2								4.0	5.2
SSE	1.1	2.2	2.8	1.6	.3	.1						8.1	6.1
S	1.5	4.3	8.7	5.0	.6	.1	.2					20.2	9.2
SSW	.5	1.1	2.4	1.0	.1		.2					5.1	6.2
SW	.4	1.0	.9	.3	.2	.2		.2				2.5	7.1
WSW	.5	.9	.8	.4	.1	.2						2.6	7.6
W	.5	1.0	1.1	.5	.2	.2	.2					3.4	6.0
WNW	.4	.8	1.1	.7	.3	.1	.0					3.3	9.4
NW	.4	1.0	1.5	1.3	.5	.2	.2					4.9	10.1
NNW	.8	1.6	2.2	1.8	.4	.1	.2					6.8	9.0
VARBL													
CALM												6.0	
	15.5	27.0	31.1	15.1	2.6	.7	.1	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 15513

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimum stated in the table may be obtained by subtracting the value given in the table from 100.0.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

LOCAL CLIMATE STATION
 NAME
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LINDSEY AFB MO

7-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

7-2-79

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	15.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	16.4	50.4	50.4	51.1	51.5	51.5	51.6	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	16.7	50.9	51.2	51.5	51.9	51.9	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 15000	16.7	51.1	51.4	51.7	52.2	52.2	52.3	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	16.9	51.3	51.5	51.9	52.4	52.4	52.5	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	16.9	51.8	52.2	52.5	52.9	52.9	53.7	53.2	53.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000	17.6	53.7	54.7	54.3	54.7	54.7	54.6	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	17.6	54.7	54.3	54.6	55.1	55.1	55.2	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	17.8	55.5	55.9	56.3	56.7	56.7	56.8	57.3	57.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 7000	17.9	57.3	57.2	58.1	58.6	58.6	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 6000	17.9	58.2	58.6	58.9	59.8	59.7	59.9	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 5000	18.1	59.9	60.3	60.7	61.4	61.7	61.9	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4500	18.2	61.3	61.7	62.1	62.8	63.1	63.3	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4000	18.5	64.7	65.1	65.4	66.4	66.7	66.8	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3500	18.6	65.1	66.1	66.5	67.5	67.5	68.1	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3000	19.7	66.9	68.5	69.0	70.4	70.7	71.3	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500	19.5	69.4	71.3	71.8	73.2	73.6	74.1	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2000	21.7	73.1	75.2	75.6	77.3	77.8	78.3	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	21.7	73.5	75.3	76.3	77.8	78.3	79.5	79.8	80.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	21.3	76.2	78.7	79.1	80.9	81.4	82.1	83.3	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	21.5	77.2	79.6	81.2	81.9	82.4	83.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1000	21.7	78.3	81.1	81.7	83.7	84.4	85.7	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	21.3	78.4	81.4	81.9	83.9	84.7	86.3	87.4	87.5	88.6	88.7	88.9	88.9	88.9	88.9	88.9
≥ 800	21.8	75.9	81.5	82.3	84.7	85.3	86.9	88.4	89.7	89.8	89.9	90.1	90.1	90.1	90.1	90.1
≥ 700	21.3	79.2	82.3	83.0	85.5	86.2	87.6	89.1	90.2	91.1	91.5	91.9	91.9	91.9	91.9	91.9
≥ 600	21.4	79.5	83.1	83.6	86.1	87.1	88.4	89.9	91.0	92.2	93.1	93.5	93.5	93.5	93.5	93.5
≥ 500	21.3	79.7	83.2	83.9	86.5	87.5	89.1	90.6	91.9	93.2	94.2	94.6	94.6	94.6	94.6	94.6
≥ 400	21.8	79.7	83.2	84.2	86.9	88.1	90.2	92.1	93.6	94.9	95.0	96.3	96.3	96.3	96.3	96.3
≥ 300	21.8	79.8	83.3	84.3	87.3	88.7	90.8	93.5	94.9	96.2	97.2	97.8	98.0	98.0	98.1	98.1
≥ 200	21.8	79.8	83.3	84.3	87.4	88.8	91.9	93.1	95.2	96.3	98.7	98.6	98.7	98.9	99.0	99.0
≥ 100	21.8	79.8	83.3	84.3	87.4	88.8	91.1	93.2	95.3	97.1	98.4	99.0	99.1	99.7	99.9	99.9
≥ 0	21.8	79.8	83.3	84.3	87.4	88.8	91.1	93.2	95.3	97.1	98.4	99.0	99.1	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
41- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 LORING AFB ME

70-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .2	≥ .16	≥ .1	≥ 0
NO CEILING	13.8	45.6	47.1	47.1	47.4	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	14.5	46.8	49.2	49.2	49.6	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	14.8	49.1	49.6	49.6	49.9	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	14.9	49.4	49.8	49.8	50.1	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 14000	15.6	50.4	50.9	50.9	51.2	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 12000	15.8	50.9	51.5	51.5	51.8	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 10000	16.1	52.2	52.8	52.8	53.2	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 9000	16.1	52.5	53.1	53.1	53.5	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 8000	16.3	54.6	55.3	55.3	55.8	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 7000	16.6	56.6	57.3	57.3	57.8	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 6000	16.7	58.0	58.7	58.7	59.2	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 5000	17.1	60.0	61.0	61.0	61.8	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 4500	17.7	61.1	62.0	62.0	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 4000	18.1	64.1	65.5	65.5	66.7	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 3500	18.4	65.3	66.9	66.9	68.2	68.5	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 3000	19.0	65.4	70.3	70.3	72.7	73.1	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 2500	20.0	71.7	73.8	73.8	74.3	75.5	77.1	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 2000	20.8	73.5	75.6	75.6	76.3	78.7	79.4	79.6	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
IV 1800	21.1	74.4	76.5	76.5	77.2	79.6	80.3	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
IV 1500	21.6	76.2	78.4	78.4	79.1	81.8	82.6	83.0	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
IV 1200	21.7	77.0	79.1	79.1	80.0	82.7	83.4	84.0	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2
IV 1000	21.8	78.4	80.5	80.5	81.8	84.6	85.4	86.1	87.3	87.6	88.3	88.3	88.3	88.3	88.3	88.3
IV 900	21.8	78.6	81.3	81.3	82.3	85.2	85.9	86.8	88.1	88.5	89.0	89.0	89.0	89.0	89.0	89.0
IV 800	21.8	79.2	82.0	82.0	83.0	85.9	86.7	87.8	89.1	89.7	90.5	90.9	90.9	90.9	90.9	90.9
IV 700	21.8	79.8	82.7	82.7	83.7	86.6	87.3	88.5	89.8	90.8	91.3	91.6	91.6	91.6	91.6	91.6
IV 600	21.9	80.3	83.2	83.2	84.2	87.3	88.1	89.4	90.9	91.9	92.9	93.3	93.3	93.3	93.3	93.3
IV 500	21.9	80.4	83.4	83.4	84.5	87.7	88.8	90.3	92.0	93.2	94.3	94.8	95.1	95.1	95.1	95.1
IV 400	21.9	80.5	83.7	83.7	84.9	88.3	89.5	91.0	92.8	94.0	95.2	95.8	96.1	96.3	96.3	96.3
IV 300	21.9	80.8	83.8	83.8	85.1	88.4	89.8	91.5	93.3	94.6	95.8	96.5	97.0	97.4	97.4	97.4
IV 200	21.9	80.8	83.8	83.8	85.1	88.4	89.8	91.7	93.7	95.1	96.3	97.2	97.7	98.4	98.4	98.8
IV 100	21.9	80.8	83.8	83.8	85.1	88.4	89.8	91.7	93.7	95.1	96.5	97.3	98.0	98.7	99.0	99.7
IV 0	21.9	80.8	83.8	83.8	85.1	88.4	89.8	91.7	93.7	95.1	96.5	97.3	98.0	98.7	99.1	99.7

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 17-23 LORING AFB ME

75-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1622-2800
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥0
NO CEILING	24.2	43.5	44.5	44.8	44.8	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	26.2	43.7	47.6	48.7	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	27.2	47.0	48.6	48.9	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 16000	27.8	48.9	49.9	50.2	50.3	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 14000	27.8	48.9	49.9	50.2	50.3	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 12000	28.7	50.3	51.3	51.7	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	29.9	52.3	53.2	53.8	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	29.9	52.3	53.2	53.8	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 8000	31.4	54.8	55.8	56.3	56.7	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 7000	31.7	56.7	57.7	58.4	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 6000	32.3	58.2	59.4	60.0	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 5000	33.1	60.3	61.6	62.4	63.0	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 4500	33.5	61.2	62.5	63.2	63.9	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	34.9	63.9	65.3	66.1	67.0	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3500	35.3	66.0	67.5	68.4	69.4	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	36.3	68.6	70.5	71.8	73.7	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2500	37.3	70.6	72.6	73.9	75.7	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	38.5	72.5	74.3	75.6	77.6	78.1	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1800	38.2	72.7	75.1	76.3	78.4	78.8	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	39.2	74.7	77.4	78.7	81.3	81.7	82.8	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	39.7	75.5	78.4	80.0	82.7	83.1	84.4	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	40.1	76.8	79.7	81.3	84.1	84.9	86.5	87.2	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	40.1	77.1	80.1	81.7	84.6	85.6	87.1	87.8	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	40.2	77.7	80.8	82.4	85.5	86.5	88.1	88.9	89.2	90.5	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	40.3	78.2	81.3	82.9	86.2	87.4	89.2	90.2	91.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4
≥ 600	40.3	78.6	81.7	83.3	87.0	88.2	90.0	91.3	92.3	93.2	93.8	94.2	94.4	94.4	94.4	94.4
≥ 500	40.3	78.8	81.9	83.7	87.7	88.9	90.9	92.4	93.3	94.3	94.9	95.6	95.8	95.9	95.9	95.9
≥ 400	40.3	78.9	82.0	83.8	87.8	89.0	91.0	92.6	93.5	94.5	95.4	96.1	96.5	96.7	96.7	96.7
≥ 300	40.3	79.0	82.2	84.0	88.1	89.2	91.3	92.9	93.9	94.9	95.9	96.8	97.2	97.4	97.4	97.4
≥ 200	40.3	79.1	82.3	84.1	88.2	89.4	91.5	93.4	94.5	95.6	96.9	98.1	98.6	99.0	99.0	99.1
≥ 100	40.3	79.1	82.3	84.1	88.2	89.4	91.5	93.4	94.6	95.7	97.0	98.2	98.7	99.4	99.4	100.0
≥ 0	40.3	79.1	82.3	84.1	88.2	89.4	91.5	93.4	94.6	95.7	97.0	98.2	98.7	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-023
STATION

LORING AFB ME
STATION NAME

7-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	39.2	45.3	46.1	46.5	46.7	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2
≥ 20000	42.5	48.5	49.9	51.1	51.4	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.1
≥ 18000	43.1	49.6	50.4	50.8	51.1	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
≥ 16000	43.3	49.8	50.6	51.0	51.3	51.5	51.8	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
≥ 14000	44.1	51.1	51.3	52.2	52.5	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
≥ 12000	45.3	52.7	53.5	53.9	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8
≥ 10000	45.2	56.0	56.9	57.2	57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 9000	48.5	56.3	57.2	57.5	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
≥ 8000	50.1	58.3	59.2	59.6	59.9	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
≥ 7000	51.0	59.7	60.6	61.0	61.4	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
≥ 6000	51.5	60.8	61.7	62.0	62.5	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 5000	52.4	61.2	62.0	63.1	63.5	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9
≥ 4500	52.7	62.4	63.3	63.7	64.1	64.7	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.6
≥ 4000	54.3	64.3	65.4	65.7	65.6	67.3	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.3
≥ 3500	55.2	65.0	66.7	67.1	68.1	68.8	69.4	69.5	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.8
≥ 3000	56.5	67.6	68.8	69.6	70.6	71.5	72.2	72.7	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.1
≥ 2500	57.7	69.4	70.6	71.5	72.8	73.7	74.7	75.5	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.9
≥ 2000	59.1	71.6	73.0	74.2	75.7	76.7	78.1	78.9	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.7
≥ 1800	59.2	71.7	73.1	74.3	75.9	77.0	78.5	79.5	79.6	79.6	79.9	79.9	79.9	79.9	79.9	80.2
≥ 1500	59.9	74.1	75.6	76.9	78.8	80.0	81.9	82.9	83.0	83.5	83.8	83.8	83.8	83.8	83.8	83.9
≥ 1200	51.5	75.2	77.0	78.5	80.4	81.7	83.9	84.8	85.1	85.9	86.2	86.2	86.2	86.2	86.3	86.5
≥ 1000	62.2	76.7	78.1	79.7	81.6	83.0	85.4	86.5	86.9	88.2	88.5	88.5	88.5	88.5	88.6	88.7
≥ 900	62.4	76.5	78.6	80.2	82.3	84.0	86.3	87.6	88.1	89.4	89.9	89.9	89.9	89.9	90.0	90.1
≥ 800	62.5	77.1	79.4	81.1	83.2	84.9	87.4	88.8	89.5	90.9	91.4	91.4	91.4	91.4	91.5	91.6
≥ 700	62.5	77.5	80.0	81.7	83.9	85.5	88.3	89.5	90.4	91.8	92.6	92.6	92.6	92.6	92.7	92.8
≥ 600	62.6	77.6	80.1	81.8	84.0	85.8	88.6	90.4	91.1	92.7	93.7	93.7	93.7	93.8	93.9	94.0
≥ 500	62.6	77.7	80.5	82.3	84.5	86.3	89.2	91.4	92.0	94.0	94.9	94.9	95.1	95.2	95.3	95.5
≥ 400	62.6	77.7	80.5	82.4	84.8	86.7	89.6	91.7	92.6	94.6	95.8	96.0	96.1	96.2	96.3	96.5
≥ 300	62.6	77.8	80.6	82.5	85.2	87.3	89.9	92.0	92.9	94.9	96.1	96.6	96.7	96.9	97.0	97.1
≥ 200	62.6	77.8	80.6	82.5	85.2	87.0	90.1	92.5	93.4	95.7	96.9	97.6	98.2	98.7	98.9	99.1
≥ 100	62.6	77.8	80.6	82.5	85.2	87.3	90.1	92.5	93.4	95.7	96.9	97.6	98.2	98.8	99.1	99.7
≥ 0	62.6	77.8	80.6	82.5	85.2	87.0	90.1	92.5	93.4	95.7	96.9	97.6	98.2	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

STATION NAME

7J-70

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

127-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	37.5	41.7	42.7	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	41.6	46.3	45.5	47.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000	41.9	46.7	47.1	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 16000	42.2	46.9	47.3	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	44.1	49.1	49.6	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	44.6	49.8	50.2	50.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	46.8	52.2	52.6	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	47.1	52.3	52.9	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	47.6	53.1	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 7000	48.7	54.5	55.2	55.5	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 6000	49.1	55.7	56.5	56.9	57.3	57.3	57.5	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 5000	49.4	56.1	56.9	57.4	57.8	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	49.6	56.3	56.9	57.4	57.9	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	51.4	58.3	59.4	60.2	60.8	61.1	61.5	61.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3500	51.9	58.9	60.0	60.9	61.5	61.8	62.4	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3000	54.0	62.4	63.4	64.3	65.4	65.8	66.6	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2500	57.4	66.6	67.7	68.9	70.1	70.5	71.5	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2000	60.9	70.8	72.2	73.3	74.9	75.7	76.7	77.4	77.4	77.8	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	61.6	71.8	73.2	74.4	76.1	76.9	77.8	78.6	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1500	62.8	73.4	75.1	76.3	79.3	79.2	80.5	81.6	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1200	63.9	74.9	76.8	78.1	80.0	81.1	82.4	83.8	83.9	84.5	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000	64.6	76.2	78.2	79.6	81.6	83.0	84.4	85.9	86.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	64.6	76.5	78.5	79.9	82.0	83.7	85.2	86.7	86.8	88.2	88.5	88.5	88.5	88.5	88.5	88.5
≥ 800	64.6	76.8	78.8	80.3	82.7	84.5	86.0	87.7	88.0	89.8	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	64.6	76.8	78.8	80.3	82.8	84.7	86.3	88.4	88.6	90.6	91.1	91.2	91.2	91.2	91.2	91.2
≥ 600	64.7	76.9	78.9	80.4	83.0	84.9	86.6	88.7	88.9	91.0	91.6	91.7	91.9	91.9	91.9	91.9
≥ 500	64.8	77.0	79.0	80.5	83.2	85.5	87.3	89.6	89.8	92.0	93.2	93.5	94.2	94.2	94.2	94.2
≥ 400	64.8	77.3	79.4	81.0	84.0	86.3	88.2	90.4	90.8	93.1	94.3	94.9	95.9	96.2	96.2	96.0
≥ 300	64.8	77.3	79.4	81.0	84.0	86.3	88.2	90.4	90.8	93.1	94.4	95.4	96.6	96.8	96.9	96.9
≥ 200	64.8	77.3	79.5	81.1	84.1	86.5	88.4	90.8	91.1	93.5	95.1	96.3	97.5	98.0	98.3	98.3
≥ 100	64.8	77.3	79.5	81.1	84.1	86.5	88.4	90.8	91.1	93.5	95.1	96.0	97.5	98.5	98.9	99.4
≥ 0	64.8	77.3	79.5	81.1	84.1	86.5	88.4	90.8	91.1	93.5	95.1	96.3	97.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

STATION NAME

7J-79

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.10	≥.05	≥0
NO CEILING	33.1	41.1	41.2	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	37.7	46.5	46.6	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000	37.3	46.6	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000	37.4	46.6	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	38.7	47.7	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	39.7	50.1	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	42.3	53.5	53.9	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	42.7	54.1	54.4	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000	43.8	55.9	56.3	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 7000	44.9	57.6	58.1	58.5	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	45.7	59.6	60.1	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 5000	46.6	60.8	61.3	61.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 4500	46.7	61.1	61.5	62.2	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	47.6	62.7	63.3	64.0	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3500	47.8	63.5	64.2	64.8	66.2	66.2	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3000	49.5	66.8	67.7	68.5	70.2	70.4	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	51.9	70.8	72.3	73.0	75.1	75.3	75.6	75.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2000	53.7	73.4	75.1	76.3	78.1	78.6	79.1	80.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	54.3	74.2	76.1	77.1	79.2	79.6	80.4	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500	55.2	75.7	77.8	79.3	81.3	81.8	82.6	83.7	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	55.9	77.1	79.4	80.6	82.9	83.4	84.3	85.6	85.8	86.2	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	56.1	77.8	80.4	81.7	84.0	84.5	85.4	86.9	87.2	87.8	88.4	88.5	88.6	88.6	88.6	88.6
≥ 900	56.2	78.2	80.8	82.2	84.4	84.9	86.7	88.0	88.3	89.2	89.8	89.9	90.1	90.3	90.3	90.3
≥ 800	56.2	78.5	81.1	82.6	84.8	85.4	86.6	88.5	88.8	89.8	90.5	90.6	90.9	91.1	91.1	91.1
≥ 700	56.2	78.6	81.7	83.3	85.6	86.1	87.4	89.4	89.7	90.9	91.7	91.8	92.0	92.3	92.3	92.3
≥ 600	56.2	78.8	81.9	83.5	85.8	86.3	87.7	89.7	90.3	91.7	92.7	92.8	93.0	93.2	93.2	93.2
≥ 500	56.2	79.2	82.5	84.1	86.5	87.3	88.4	90.3	91.1	92.6	94.3	94.1	94.4	94.6	94.6	94.6
≥ 400	56.2	79.2	82.5	84.2	86.7	87.3	88.7	90.9	91.6	93.3	95.3	95.5	95.9	96.1	96.2	96.2
≥ 300	56.2	79.2	82.5	84.2	86.8	87.4	89.1	91.3	92.3	93.8	96.3	96.2	96.7	97.2	97.3	97.5
≥ 200	56.2	79.2	82.5	84.2	86.9	87.5	89.4	91.5	92.3	94.2	96.8	97.0	97.7	98.5	98.7	98.9
≥ 100	56.2	79.2	82.5	84.2	86.9	87.5	89.4	91.5	92.3	94.2	96.9	97.1	97.8	98.8	99.1	99.5
≥ 0	56.2	79.2	82.5	84.2	86.9	87.5	89.4	91.5	92.3	94.2	96.9	97.1	97.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 434

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 STATION LORING AFB ME

75-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS EST

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	17.4	47.5	47.8	47.8	48.0	48.2	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	17.4	50.1	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	17.5	50.3	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	17.8	50.6	51.1	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2
≥ 14000	18.1	51.0	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5
≥ 12000	18.3	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2
≥ 10000	19.1	55.5	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
≥ 9000	19.1	55.5	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
≥ 8000	19.7	57.3	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7
≥ 7000	19.9	58.7	58.4	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥ 6000	20.7	59.1	59.6	59.6	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1
≥ 5000	21.7	61.1	61.5	61.5	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
≥ 4500	21.2	61.9	62.5	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0
≥ 4000	21.4	64.3	65.8	65.9	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7
≥ 3500	21.5	66.0	67.0	67.0	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 3000	22.3	68.7	70.2	70.4	71.3	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2
≥ 2500	24.0	72.9	74.8	75.1	76.0	76.7	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 2000	24.6	76.3	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1800	24.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1500	25.3	78.6	80.9	81.2	82.5	83.3	84.0	84.6	85.1	85.4	85.5	85.5	85.5	85.5	85.6	85.6
≥ 1200	25.4	80.4	82.4	82.7	84.1	85.4	85.8	86.5	87.0	87.4	87.5	87.5	87.5	87.5	87.6	87.6
≥ 1000	25.4	80.4	82.4	83.1	84.5	86.1	86.4	87.6	88.3	88.9	89.3	89.3	89.3	89.3	89.1	89.1
≥ 900	25.4	80.4	82.4	83.1	84.9	86.6	87.0	88.1	88.8	89.5	89.6	89.6	89.6	89.6	89.7	89.7
≥ 800	25.4	80.9	83.2	83.5	85.5	87.1	87.6	88.8	89.8	90.4	90.5	90.5	90.5	90.6	90.8	90.8
≥ 700	25.4	81.1	83.7	84.1	86.1	87.7	88.3	89.5	90.8	91.5	91.8	91.8	91.8	91.9	92.0	92.0
≥ 600	25.4	81.5	84.3	84.7	86.8	88.5	89.0	90.2	91.8	92.7	93.2	93.2	93.2	93.3	93.4	93.4
≥ 500	25.4	81.7	84.6	85.1	87.2	88.9	89.6	90.9	92.6	93.7	94.4	94.5	94.6	94.7	94.8	94.8
≥ 400	25.4	81.8	84.9	85.5	87.6	89.4	90.1	91.5	93.3	94.6	95.6	95.7	95.9	96.1	96.2	96.2
≥ 300	25.4	81.9	85.1	85.6	87.8	89.6	90.3	91.7	93.5	95.1	96.7	96.9	97.1	97.4	97.5	97.5
≥ 200	25.4	81.9	85.1	85.6	86.0	89.8	90.8	92.2	94.1	95.8	97.4	97.6	98.3	98.6	98.9	99.3
≥ 100	25.4	81.9	85.1	85.6	88.0	89.8	90.8	92.2	94.1	95.8	97.4	97.6	98.3	98.8	99.1	99.6
≥ 0	25.4	81.9	85.1	85.6	88.0	89.8	90.8	92.2	94.1	95.8	97.4	97.6	98.3	98.8	99.1	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11-25
STATION

LOPING AFB ME

STATION NAME

70-70

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	17.3	46.9	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 20000	17.8	50.6	51.5	51.7	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4
≥ 18000	19.1	50.9	51.7	51.9	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6
IV 16000	15.3	51.1	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8
IV 14000	10.4	51.4	52.3	52.5	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1
IV 12000	18.5	52.3	53.0	53.2	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9
IV 10000	19.1	53.9	54.3	55.1	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7
IV 9000	19.1	54.5	55.6	55.8	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.5
IV 8000	19.4	55.2	56.6	57.0	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
IV 7000	19.6	56.8	58.4	59.6	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.5
IV 6000	19.9	57.3	58.9	59.4	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1
IV 5000	20.5	59.6	61.3	61.7	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5
IV 4500	20.6	60.5	62.3	62.7	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4
IV 4000	20.9	63.3	65.5	66.3	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3
IV 3500	21.3	64.7	66.8	67.3	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9
IV 3000	22.0	67.2	69.5	70.2	71.5	71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4
IV 2500	23.1	70.1	72.5	73.5	75.1	75.4	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5
IV 2000	24.3	73.3	76.3	77.1	78.9	79.4	80.2	80.6	80.6	80.8	80.8	80.9	80.9	80.9	80.9	81.0
IV 1800	24.3	73.5	76.2	77.3	79.2	79.8	80.6	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.4
IV 1500	24.9	75.9	78.7	80.0	82.4	83.1	84.1	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9
IV 1200	24.9	76.3	79.1	80.4	83.1	83.9	84.8	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9
IV 1000	24.9	76.2	81.7	82.3	85.2	85.3	87.4	88.6	88.7	89.4	89.6	89.6	89.6	89.6	89.6	89.7
IV 900	25.1	78.8	81.9	83.1	86.3	87.3	88.9	90.3	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.4
IV 800	25.2	79.4	82.4	83.6	87.1	88.1	89.9	91.6	91.7	92.4	92.6	92.6	92.6	92.6	92.6	92.7
IV 700	25.2	79.6	82.6	84.0	87.3	88.3	90.3	92.0	92.3	93.0	93.3	93.3	93.3	93.3	93.3	93.4
IV 600	25.2	79.7	82.8	84.4	87.7	88.7	90.8	92.5	92.7	93.4	93.9	93.9	93.9	94.0	94.0	94.1
IV 500	25.2	80.0	83.1	84.8	88.3	89.4	91.7	93.5	93.8	94.5	95.2	95.3	95.5	95.5	95.5	95.6
IV 400	25.2	80.0	83.3	85.1	88.6	89.7	92.0	94.2	94.5	95.3	96.0	96.2	96.6	96.6	96.6	96.7
IV 300	25.2	80.0	83.3	85.1	88.8	89.8	92.3	94.5	95.2	95.9	96.8	97.0	97.4	97.4	97.4	97.5
IV 200	25.2	80.0	83.3	85.1	88.8	89.8	92.3	94.5	95.2	95.9	96.8	97.0	97.4	97.4	97.4	97.5
IV 100	25.2	80.0	83.3	85.1	88.8	89.8	92.3	94.5	95.2	95.9	96.8	97.0	97.4	97.4	97.4	97.5
IV 0	25.2	80.0	83.3	85.1	88.8	89.8	92.3	94.5	95.2	95.9	96.8	97.0	97.4	97.4	97.4	97.5

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
 SACETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973
 STATION

LORING AFB ME

STATION NAME

70-79

YEARS

ALL
 HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	24.7	45.5	45.9	46.1	46.3	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	26.7	46.5	49.1	49.3	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
≥ 18000	27.1	49.0	49.5	49.7	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 16000	27.2	49.2	49.7	49.9	50.2	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000	27.8	50.1	50.7	50.9	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
≥ 12000	28.1	51.3	51.9	52.1	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	29.3	53.6	54.3	54.5	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
≥ 9000	30.0	54.1	54.7	54.9	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
≥ 8000	30.7	55.6	56.3	56.6	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥ 7000	31.3	57.1	57.9	58.2	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 6000	31.6	58.3	59.2	59.5	60.0	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
≥ 5000	32.3	59.9	60.8	61.2	61.8	62.0	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4500	32.5	60.7	61.6	62.0	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 4000	33.4	63.2	64.4	64.9	65.7	66.0	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3500	33.9	64.4	65.6	66.1	67.1	67.4	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3000	34.9	67.1	68.6	69.3	70.7	71.1	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500	36.4	70.2	72.1	72.7	74.3	74.8	75.4	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 2000	37.8	73.1	75.1	75.9	77.6	78.2	79.0	79.6	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	38.1	73.6	75.6	76.5	78.3	79.3	79.8	80.4	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	38.9	75.6	77.8	78.8	80.9	81.7	82.6	83.4	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	39.3	75.6	79.0	80.1	82.2	83.1	84.1	85.0	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 1000	39.6	77.8	80.3	81.4	83.7	84.7	85.9	87.1	87.5	88.2	88.5	88.5	88.5	88.5	88.5	88.6
≥ 900	39.7	78.1	80.7	81.8	84.2	85.3	86.7	88.0	88.5	89.3	89.5	89.5	89.5	89.5	89.5	89.6
≥ 800	39.7	78.6	81.2	82.4	84.9	86.1	87.5	89.0	89.6	90.5	90.8	90.9	90.9	90.9	91.0	91.0
≥ 700	39.7	78.8	81.5	82.9	85.5	86.7	88.2	89.8	90.5	91.5	92.0	92.1	92.1	92.1	92.2	92.2
≥ 600	39.8	79.1	82.1	83.3	86.7	87.2	88.8	90.4	91.2	92.5	93.2	93.3	93.4	93.4	93.5	93.5
≥ 500	39.8	79.3	82.3	83.6	86.5	87.8	89.6	91.3	92.2	93.6	94.5	94.7	94.9	95.0	95.0	95.0
≥ 400	39.8	79.4	82.4	83.9	86.8	88.2	90.1	92.0	93.0	94.4	95.5	95.9	96.2	96.3	96.3	96.4
≥ 300	39.8	79.5	82.5	83.9	87.0	88.5	90.4	92.4	93.5	95.0	96.2	96.7	97.1	97.3	97.4	97.4
≥ 200	39.8	79.5	82.5	84.0	87.1	88.6	90.7	92.7	93.9	95.6	97.1	97.6	98.2	98.6	98.8	98.9
≥ 100	39.8	79.5	82.5	84.0	87.1	88.6	90.7	92.7	93.9	95.6	97.1	97.7	98.4	99.1	99.3	99.7
≥ 0	39.8	79.5	82.5	84.0	87.1	88.6	90.7	92.7	93.9	95.6	97.1	97.7	98.4	99.1	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023
STATION

LOPINS AFB ME

STATION NAME

70-79

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1533-0201
FORM 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	17.6	51.7	52.7	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥20000	18.6	54.1	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 18000	19.6	54.1	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 16000	19.6	54.1	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 14000	19.6	54.5	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 12000	19.7	55.6	56.7	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 10000	18.7	55.6	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 9000	18.3	56.9	57.5	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 8000	18.1	58.2	58.7	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 7000	19.1	58.6	59.3	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 6000	19.1	59.1	59.8	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 5000	19.5	60.0	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 4500	19.5	60.8	61.5	61.5	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 4000	20.4	63.6	64.8	64.8	65.7	66.3	66.7	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 3500	20.9	65.7	67.1	67.1	68.1	68.3	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 3000	21.6	69.3	70.3	70.4	71.6	72.2	72.6	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 2500	22.1	71.2	72.8	73.3	74.8	75.4	75.9	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 2000	22.2	72.3	74.2	74.6	77.2	77.9	79.3	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 1800	22.5	73.1	74.3	75.5	77.9	78.6	79.7	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1500	22.6	75.2	77.3	77.9	80.5	81.6	82.9	83.8	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IV 1200	22.7	76.4	78.8	79.2	81.9	83.1	84.6	85.9	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2
IV 1000	22.7	76.7	79.1	79.7	82.7	83.9	85.3	87.6	89.5	88.9	89.4	89.4	89.5	89.6	89.6	89.6
IV 900	22.7	77.0	79.3	79.9	83.0	84.2	86.1	87.8	88.8	89.1	89.6	89.6	89.7	89.8	89.8	89.8
IV 800	22.7	77.4	79.8	80.4	83.7	84.9	87.1	89.1	90.1	90.7	91.3	91.4	91.5	91.7	91.7	91.7
IV 700	22.7	77.7	80.0	80.7	84.3	85.6	87.8	90.1	91.3	91.8	92.4	92.7	92.8	93.1	93.1	93.0
IV 600	22.7	77.9	80.3	81.1	84.8	86.1	88.3	90.8	92.4	93.0	93.7	94.7	94.1	94.3	94.3	94.3
IV 500	22.7	78.3	80.9	81.8	85.9	87.4	89.7	92.3	94.0	94.6	95.3	95.7	96.3	96.6	96.6	96.6
IV 400	22.7	78.1	81.1	82.0	86.4	87.9	90.3	93.0	94.8	95.5	96.3	96.9	97.6	97.9	97.9	97.9
IV 300	22.7	78.4	81.3	82.3	86.6	88.2	90.5	93.4	95.2	96.0	96.8	97.4	98.1	98.6	98.6	98.6
IV 200	22.7	78.4	81.3	82.3	86.8	88.4	90.9	93.9	95.7	96.6	97.4	98.0	99.1	99.6	99.6	99.6
IV 100	22.7	78.4	81.3	82.3	86.8	88.4	90.9	93.9	95.7	96.6	97.4	98.0	99.2	99.8	99.8	99.8
IV 0	22.7	78.4	81.3	82.3	86.8	88.4	90.9	93.9	95.7	96.6	97.4	98.0	99.2	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
JCSAFETAC
414 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023 LORING AFB ME

75-79

559

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2300-3500
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	15.2	47.9	48.6	48.6	46.8	38.9	36.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2
≥20000	16.1	51.7	51.7	51.4	51.7	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
≥18000	16.1	51.9	51.7	51.7	51.9	52.1	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
≥16000	16.1	51.9	51.7	51.7	51.9	52.1	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
≥14000	16.3	51.9	52.2	52.2	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥12000	16.3	52.3	53.2	53.2	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
≥10000	16.3	53.3	54.1	54.1	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥9000	16.3	53.3	54.1	54.1	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥8000	16.7	54.7	55.6	55.6	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥7000	16.7	55.7	56.5	56.5	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥6000	16.7	55.8	56.6	56.7	57.2	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥5000	16.9	57.3	58.2	58.3	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥4500	17.1	57.3	58.9	59.1	59.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥4000	17.6	60.4	61.6	62.1	63.1	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥3500	18.4	61.8	63.4	63.8	64.9	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥3000	19.3	64.9	66.7	67.3	68.8	69.0	69.4	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.9
≥2500	19.9	67.7	70.2	70.6	72.7	72.9	73.3	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.9
≥2000	20.3	70.6	73.2	74.0	77.0	77.3	77.6	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5
≥1800	20.4	71.0	73.9	74.7	77.7	78.1	78.5	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.3
≥1500	20.6	72.1	75.2	76.1	79.6	80.3	81.1	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥1200	20.7	72.8	76.1	77.0	80.9	81.8	82.9	83.7	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.6
≥1000	20.7	73.2	76.5	77.7	82.2	83.1	84.4	85.5	85.9	86.2	86.2	86.4	86.4	86.4	86.4	86.5
≥900	20.7	73.5	77.0	78.1	82.7	83.7	85.0	86.3	87.0	87.2	87.2	87.5	87.5	87.5	87.5	87.6
≥800	20.7	74.1	77.7	78.6	83.5	84.4	85.8	87.2	88.2	88.4	88.4	88.7	88.7	88.7	88.7	88.8
≥700	20.7	74.3	78.1	79.4	84.2	85.1	86.9	88.5	89.7	90.0	90.2	90.4	90.4	90.4	90.4	90.5
≥600	20.7	74.6	78.6	79.9	84.8	85.7	87.5	89.2	90.8	91.3	91.5	91.7	91.8	91.8	91.8	92.0
≥500	20.7	74.9	79.3	80.7	85.8	86.8	88.5	90.7	92.2	92.6	93.0	93.6	93.9	94.0	94.0	94.1
≥400	20.7	75.3	79.8	81.3	86.4	87.4	89.2	91.7	93.5	94.2	94.6	95.2	95.4	95.5	95.5	95.6
≥300	20.7	75.4	80.1	81.8	86.9	87.9	89.8	92.4	94.3	95.0	95.6	96.2	96.6	96.8	96.8	96.9
≥200	20.7	75.4	80.1	81.9	87.3	88.1	90.2	93.1	95.2	96.0	96.7	97.4	98.1	98.5	98.5	98.6
≥100	20.7	75.4	80.1	81.9	87.3	88.1	90.2	93.1	95.2	96.0	96.8	97.6	98.7	99.2	99.2	99.4
≥0	20.7	75.4	80.1	81.9	87.3	88.1	90.2	93.1	95.2	96.0	96.8	97.6	98.7	99.2	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
SCAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-1-79 DURING AFB ME

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1610-1670
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	39.5	42.5	43.1	43.3	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.1
≥20000	31.6	46.8	47.2	47.3	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.3	48.1
≥18000	32.4	46.3	46.3	46.5	46.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.3
≥16000	32.5	46.2	46.6	46.7	46.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.5
≥14000	33.5	49.1	49.4	49.5	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.4
≥12000	34.8	50.9	51.3	51.4	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.1	52.2
≥10000	35.2	53.3	53.8	53.9	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.3	55.0
≥9000	36.4	53.7	54.1	54.3	54.6	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.3
≥8000	37.2	54.8	55.7	55.4	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.5
≥7000	38.7	57.1	57.6	57.7	58.2	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9	59.0
≥6000	39.7	58.4	59.1	59.2	59.7	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.5
≥5000	40.4	60.2	61.9	61.1	61.7	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.9	62.9
≥4500	40.5	61.5	61.3	61.6	62.2	62.8	63.0	63.2	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.4
≥4000	41.6	63.4	64.4	64.6	65.5	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥3500	42.4	65.4	66.5	67.3	67.7	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥3000	42.3	67.0	68.6	69.3	70.2	71.0	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.9	72.0
≥2500	43.6	69.4	71.5	72.1	73.5	74.6	74.9	75.3	75.4	75.7	75.7	75.7	75.7	75.7	75.8	75.9
≥2000	44.1	71.9	74.1	74.9	76.8	78.1	78.5	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.6	79.7
≥1800	44.3	72.5	74.5	75.7	77.5	78.8	79.2	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.3	80.4
≥1500	44.3	73.5	76.7	76.8	79.3	80.6	81.1	81.5	82.2	82.4	82.4	82.4	82.4	82.4	82.6	82.7
≥1200	44.3	73.9	76.5	77.3	79.9	81.6	82.5	83.5	84.0	84.5	84.5	84.5	84.5	84.5	84.8	84.9
≥1000	44.9	74.5	77.3	78.1	81.3	83.2	84.5	85.8	86.4	87.1	87.4	87.4	87.4	87.4	87.6	87.7
≥900	45.0	75.1	77.6	78.7	82.5	83.9	85.3	86.6	87.2	87.9	88.2	88.2	88.2	88.2	88.4	88.5
≥800	45.0	75.3	78.1	79.1	82.4	84.4	85.8	87.2	88.3	89.0	89.2	89.2	89.2	89.2	89.4	89.7
≥700	45.3	75.9	79.0	79.9	83.2	85.0	87.1	88.8	89.1	90.9	91.1	91.3	91.4	91.4	91.6	91.7
≥600	45.4	76.0	79.2	80.1	83.8	86.1	87.7	89.4	90.9	91.7	92.0	92.1	92.2	92.2	92.5	92.7
≥500	45.4	76.6	80.7	81.3	85.0	87.2	88.9	90.8	92.3	93.1	93.5	93.6	93.7	93.7	94.2	94.3
≥400	45.4	77.0	80.5	81.8	85.6	87.9	89.7	91.6	93.1	94.1	94.6	94.9	95.0	95.0	95.5	95.6
≥300	45.4	77.0	80.7	81.9	85.8	88.2	90.0	92.1	93.7	94.9	95.5	96.1	96.3	96.6	97.0	97.2
≥200	45.4	77.0	80.7	81.9	85.8	88.2	90.0	92.2	94.3	95.6	96.5	97.3	98.1	98.5	98.9	99.1
≥100	45.4	77.0	80.7	81.9	85.8	88.2	90.0	92.2	94.3	95.9	96.7	97.5	98.7	99.2	99.6	99.8
≥0	45.4	77.0	80.7	81.9	85.8	88.2	90.0	92.2	94.3	95.9	96.7	97.5	98.7	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

70-79

FEET

STATION

STATION NAME

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9.33-11.00
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	45.4	44.9	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	43.1	46.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	44.3	50.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 16000	44.6	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 14000	45.5	51.4	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 12000	46.8	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 10000	46.7	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 9000	49.2	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 8000	49.8	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 7000	52.2	60.5	61.3	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 6000	52.5	61.1	61.9	62.1	62.4	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 5000	53.7	62.3	63.2	63.4	63.8	64.1	64.3	64.3	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 4500	54.5	63.2	64.2	64.3	64.9	65.1	65.6	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 4000	55.3	65.1	66.2	66.3	67.7	68.2	68.6	68.8	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3
IV 3500	55.5	66.4	67.5	67.7	69.1	69.9	70.4	70.4	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 3000	56.0	66.4	69.7	70.1	71.7	72.7	73.3	73.5	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1
IV 2500	60.4	71.3	72.6	73.0	74.9	75.1	76.8	77.3	77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	61.2	73.3	74.4	75.5	77.5	79.7	80.5	81.2	81.4	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IV 1800	61.7	74.1	75.0	76.7	78.7	80.9	81.7	82.5	82.7	83.5	83.6	83.6	83.6	83.6	83.6	83.6
IV 1500	61.9	74.9	77.1	77.7	79.9	82.3	83.3	84.5	85.0	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 1200	62.2	75.7	77.7	78.4	80.7	83.1	84.3	85.5	85.9	86.6	86.8	86.8	86.8	86.8	86.8	86.8
IV 1000	62.8	76.5	79.1	79.8	82.9	85.3	85.8	86.1	86.7	89.6	89.8	89.8	89.8	89.8	89.8	89.8
IV 900	62.8	77.1	79.3	80.0	83.1	85.6	87.0	88.3	88.9	89.8	90.1	90.1	90.1	90.1	90.1	90.1
IV 800	62.8	77.3	79.8	80.6	83.7	86.5	87.9	89.2	90.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV 700	63.1	77.8	80.5	81.6	84.6	87.7	89.2	91.3	92.0	92.9	93.3	93.3	93.3	93.3	93.3	93.3
IV 600	63.2	78.4	81.1	82.2	85.2	88.4	90.1	92.7	93.5	94.4	95.0	95.0	95.0	95.0	95.0	95.0
IV 500	63.2	78.5	81.2	82.6	85.8	89.2	90.9	93.5	94.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
IV 400	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.0	94.8	95.2	96.9	96.9	96.9	96.9	96.9	96.9
IV 300	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.0	94.8	96.7	97.5	97.5	97.5	97.5	97.5	97.5
IV 200	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.1	95.0	97.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.1	95.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.1	95.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-123
STATION

LORING AFB ME

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	37.2	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	40.1	43.1	43.7	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 18000	42.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 16000	42.7	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	43.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	45.0	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 10000	47.4	50.7	50.7	50.7	50.8	50.8	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 9000	47.9	51.3	51.3	51.4	51.5	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 8000	49.8	53.9	53.9	54.0	54.1	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 7000	52.1	56.5	56.6	56.7	57.0	57.0	57.4	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 6000	52.7	57.2	57.3	57.4	58.0	58.0	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	53.9	59.0	59.3	59.5	61.2	61.3	61.9	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	54.1	59.5	59.8	59.9	61.8	61.9	61.5	61.7	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	55.4	62.9	63.6	63.6	64.9	65.1	65.5	66.4	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3500	57.4	64.5	65.5	65.5	67.1	67.3	67.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	60.4	66.2	69.3	70.1	71.6	72.1	73.1	74.1	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	61.3	70.6	71.9	72.7	74.3	74.9	76.2	77.3	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	64.1	74.5	76.3	77.0	78.8	79.4	81.0	82.2	82.3	82.9	83.0	83.1	83.1	83.1	83.1	83.1
≥ 1800	64.1	74.6	76.1	77.2	79.3	79.9	81.4	82.6	82.7	83.3	83.5	83.6	83.6	83.6	83.6	83.6
≥ 1500	64.9	76.1	77.8	78.8	81.4	82.2	83.8	85.1	85.3	86.1	86.3	86.5	86.5	86.5	86.5	86.5
≥ 1200	65.7	76.4	78.3	79.4	82.0	83.3	84.6	86.1	86.3	87.0	87.2	87.5	87.5	87.5	87.5	87.5
≥ 1000	65.5	77.2	79.2	80.4	83.6	84.6	86.3	87.7	87.9	88.7	89.0	89.5	89.6	89.6	89.6	89.6
≥ 900	65.7	77.5	79.6	80.9	84.2	85.2	86.9	88.3	88.5	89.4	89.7	90.2	90.3	90.3	90.3	90.3
≥ 800	65.9	78.3	80.4	81.6	85.3	86.9	88.5	90.5	90.8	91.5	92.4	92.9	93.1	93.1	93.1	93.1
≥ 700	65.8	78.5	80.6	82.2	85.8	87.4	89.1	91.1	91.4	92.4	93.4	93.9	94.1	94.1	94.1	94.1
≥ 600	65.3	78.5	80.9	82.4	86.1	87.6	89.5	91.8	92.1	93.3	94.4	94.9	95.3	95.4	95.4	95.4
≥ 500	65.8	78.7	81.0	82.7	86.4	87.9	90.2	92.6	92.8	94.2	95.5	96.1	96.7	97.0	97.0	97.0
≥ 400	65.9	78.8	81.1	82.9	86.8	88.3	90.5	93.0	93.4	94.9	96.3	96.9	97.5	98.2	98.2	98.2
≥ 300	65.9	78.8	81.1	82.9	86.8	88.4	90.9	93.4	93.7	95.4	96.8	97.6	98.5	98.9	99.1	99.1
≥ 200	65.9	78.8	81.1	82.9	86.8	88.4	90.9	93.4	93.9	95.5	97.0	98.0	98.8	99.4	99.5	99.6
≥ 100	65.9	78.8	81.1	82.9	86.8	88.4	90.9	93.4	93.9	95.5	97.0	98.0	98.8	99.4	99.8	100.0
≥ 0	65.9	78.8	81.1	82.9	86.8	88.4	90.9	93.4	93.9	95.5	97.0	98.0	98.8	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

646

JOINT CLIMATOLOGY BRANCH
WAFB
AIR CATHER SERVICE/MAX

CEILING VERSUS VISIBILITY

13 LIVING AREA

7-79

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-2-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	42.8	42.2	42.3	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	42.8	42.2	42.3	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 18000	42.8	42.2	42.3	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 16000	43.7	42.8	42.8	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	43.7	42.8	42.8	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 12000	45.5	44.9	44.9	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 10000	46.5	45.9	45.9	45.9	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 9000	47.4	46.8	46.8	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 8000	48.3	47.7	47.7	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 7000	49.2	48.6	48.6	48.6	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 6000	50.1	49.5	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 5000	51.0	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 4500	51.9	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 4000	52.8	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 3500	53.7	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 3000	54.6	54.0	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 2500	55.5	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 2000	56.4	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1800	57.3	56.7	56.7	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 1500	58.2	57.6	57.6	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 1200	59.1	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1000	60.0	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 900	60.9	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 800	61.8	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 700	62.7	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 600	63.6	63.0	63.0	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 500	64.5	63.9	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 400	65.4	64.8	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 300	66.3	65.7	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 200	67.2	66.6	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 100	68.1	67.5	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 0	69.0	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6

TOTAL NUMBER OF OBSERVATIONS

346

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1423 LORING AFB ME

70-79

FEE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2100
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	19.6	51.9	52.1	52.1	52.5	52.7	52.7	52.8	52.8	52.8	52.2	52.8	52.8	52.8	52.8	52.8
≥ 20000	20.2	53.5	53.8	53.8	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	20.2	54.1	54.3	54.3	54.6	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	20.2	54.7	54.3	54.3	54.6	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	20.7	55.3	55.6	55.6	55.9	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	20.8	56.1	56.4	56.4	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	20.8	56.6	56.9	56.9	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 9000	20.8	56.9	57.1	57.1	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	21.2	58.5	58.7	58.7	59.1	59.3	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 7000	21.3	59.2	60.2	60.2	60.6	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 6000	21.5	61.1	61.5	61.5	61.9	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 5000	21.9	62.5	63.1	63.1	63.6	63.9	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4500	21.9	63.1	63.7	63.7	64.1	64.4	64.4	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000	23.2	67.0	67.7	67.7	68.1	68.4	68.4	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3500	24.0	69.7	70.6	70.7	71.5	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	25.3	72.9	74.0	74.3	75.7	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	25.8	74.9	76.1	76.5	78.5	79.0	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	26.2	77.1	78.6	79.1	81.1	81.7	81.9	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	26.2	77.3	79.2	79.3	81.3	81.9	82.2	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1500	26.6	78.7	80.6	81.3	83.5	84.1	85.3	86.1	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	26.6	79.2	81.2	82.3	84.5	85.1	86.5	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	26.6	79.6	81.7	82.5	85.5	86.1	87.8	88.7	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	26.6	79.6	81.8	82.5	85.7	86.1	88.1	89.0	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	26.6	79.9	82.3	83.1	86.4	86.4	89.0	90.2	91.5	91.9	92.4	92.4	92.4	92.4	92.4	92.4
≥ 700	26.6	80.3	82.7	83.7	87.1	87.1	89.8	91.3	93.1	93.6	94.2	94.2	94.3	94.3	94.3	94.3
≥ 600	26.6	80.3	83.0	83.9	87.5	87.5	89.9	90.2	91.7	93.7	94.3	95.0	95.0	95.2	95.2	95.2
≥ 500	26.6	80.3	83.1	84.3	88.1	88.1	89.5	91.0	92.8	94.9	95.7	96.6	96.6	96.7	96.7	96.7
≥ 400	26.6	80.4	83.2	84.0	88.8	88.8	90.3	92.0	93.7	96.7	96.9	97.8	97.8	97.9	98.0	98.0
≥ 300	26.6	80.4	83.2	84.6	89.0	89.0	90.5	92.2	94.1	96.6	97.6	98.7	98.8	99.2	99.5	99.6
≥ 200	26.6	80.4	83.2	84.6	89.0	89.0	90.5	92.2	94.1	96.6	97.6	98.7	98.8	99.2	99.5	99.6
≥ 100	26.6	80.4	83.2	84.6	89.1	89.1	90.7	92.3	94.2	96.7	97.8	98.8	98.9	99.5	99.9	100.0
≥ 0	26.6	80.4	83.2	84.6	89.1	89.1	90.7	92.3	94.2	96.7	97.8	98.8	98.9	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14 23
STATION

LOPING AFB ME

STATION NAME

76-79

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2107-2306
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.2	≥.16	≥.1	≥0
NO CEILING	18.7	53.3	53.8	53.8	54.0	54.3	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 20000	19.7	55.2	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 18000	19.7	55.4	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 16000	19.9	55.6	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 14000	19.9	55.9	56.5	56.6	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 12000	20.0	56.4	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 10000	20.2	57.1	57.8	58.0	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 9000	20.2	57.3	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 8000	20.4	57.9	58.6	59.0	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 7000	20.4	58.9	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 6000	20.4	59.2	60.0	60.4	60.6	60.6	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 5000	20.6	60.3	61.5	61.8	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 4500	20.8	61.6	62.6	63.0	63.5	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 4000	22.3	65.2	66.4	67.1	68.0	68.1	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 3500	22.8	67.6	68.9	69.5	70.7	70.8	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 3000	22.9	70.1	71.6	72.2	74.1	74.2	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2500	23.5	71.6	73.3	73.9	75.0	76.1	76.7	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 2000	23.8	72.8	74.4	75.5	73.3	78.5	79.3	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 1800	23.9	73.4	75.7	76.2	79.0	79.2	80.1	81.0	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1500	24.1	76.5	79.0	79.7	82.5	83.0	84.3	85.5	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1200	24.1	77.8	80.4	81.1	84.2	84.6	85.9	87.2	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1000	24.1	78.7	81.4	82.2	85.3	85.9	87.6	89.0	89.5	90.3	90.4	90.4	90.4	90.4	90.4	90.4
IV 900	24.1	79.1	81.8	82.9	85.7	86.5	88.2	89.6	90.1	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 800	24.1	79.7	82.4	83.1	86.3	87.1	88.8	90.4	91.3	92.1	92.6	92.6	92.6	92.6	92.6	92.6
IV 700	24.1	80.0	82.9	83.6	86.9	87.8	89.5	91.3	92.1	92.9	93.5	93.7	93.7	93.7	93.7	93.7
IV 600	24.1	80.0	82.9	83.6	87.1	88.1	89.7	91.8	92.7	93.6	94.2	94.4	94.4	94.4	94.4	94.4
IV 500	24.1	80.0	83.1	83.8	87.5	89.5	90.4	93.1	94.1	95.2	96.1	96.3	96.6	96.7	96.7	96.7
IV 400	24.1	80.3	83.5	84.3	88.3	89.4	91.4	94.2	95.4	96.9	98.0	98.2	98.6	98.7	98.7	98.7
IV 300	24.1	80.3	83.5	84.3	88.3	89.4	91.5	94.3	95.7	96.9	98.0	98.2	98.6	98.7	98.7	98.7
IV 200	24.1	80.3	83.5	84.4	88.8	89.8	92.0	94.8	95.3	97.5	98.6	98.8	99.4	99.6	99.8	99.8
IV 100	24.1	80.3	83.5	84.4	88.8	89.8	92.0	94.8	96.3	97.5	98.6	98.8	99.4	99.6	99.8	99.8
IV 0	24.1	80.3	83.5	84.4	88.8	89.8	92.0	94.8	96.3	97.5	98.6	98.8	99.4	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 216

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 15'

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0
NO CEILING	27.1	46.2	47.1	47.2	47.4	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	16.9	49.7	50.1	50.1	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6
≥ 18000	29.6	50.6	50.9	51.3	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4
≥ 16000	29.7	50.7	51.1	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
≥ 14000	31.2	51.5	51.8	51.9	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	31.1	52.9	53.3	53.3	53.5	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	31.8	54.2	54.7	54.7	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
≥ 9000	32.1	54.6	55.1	55.1	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
≥ 8000	33.3	56.2	56.6	56.7	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	34.0	57.8	58.4	58.5	58.9	59.3	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 6000	34.4	58.6	59.2	59.3	59.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 5000	35.0	59.1	60.7	60.9	61.5	61.7	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 4500	35.4	60.2	61.5	61.7	62.4	62.6	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 4000	36.2	60.9	64.8	65.1	66.1	66.4	66.7	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3500	37.6	65.7	66.8	67.1	68.2	68.5	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 3000	39.1	66.8	70.7	70.5	72.0	72.5	73.0	73.4	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8
≥ 2500	45.1	71.1	72.6	73.1	75.0	75.6	76.3	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 2000	42.2	73.3	75.1	75.7	78.0	78.9	79.3	80.5	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	41.0	73.8	75.7	76.4	78.7	79.6	80.5	81.2	81.5	81.8	81.8	81.9	81.9	81.9	81.9	81.9
≥ 1500	41.3	75.3	77.3	78.2	80.7	81.9	83.1	84.0	84.4	84.8	84.8	84.9	84.9	84.9	84.9	85.0
≥ 1200	41.4	76.0	78.1	79.3	81.8	83.1	84.4	85.5	86.1	86.5	86.7	86.7	86.8	86.8	86.8	86.8
≥ 1000	41.6	76.7	78.9	79.9	83.1	84.5	86.1	87.4	88.0	88.7	88.9	89.1	89.2	89.2	89.2	89.2
≥ 900	41.6	77.1	79.3	80.2	83.5	85.0	86.5	87.9	88.6	89.3	89.6	89.7	89.8	89.8	89.8	89.9
≥ 800	41.6	77.4	79.8	80.8	84.2	85.8	87.4	89.1	89.9	90.6	91.1	91.3	91.4	91.4	91.4	91.5
≥ 700	41.7	77.7	81.7	81.3	84.9	86.5	88.3	90.1	91.1	92.0	92.5	92.7	92.9	92.9	93.0	93.0
≥ 600	41.7	77.9	81.6	81.7	85.3	87.0	88.8	90.9	92.1	93.0	93.7	93.9	94.1	94.2	94.2	94.3
≥ 500	41.7	78.1	81.0	82.2	86.1	87.9	89.8	92.1	93.3	94.4	95.2	95.5	95.8	96.0	96.0	96.1
≥ 400	41.8	78.2	81.2	82.6	86.6	88.4	90.4	92.8	94.2	95.4	96.3	96.7	97.1	97.3	97.4	97.4
≥ 300	41.8	78.3	81.3	82.7	86.7	88.6	90.7	93.2	94.6	96.0	97.0	97.4	97.9	98.2	98.3	98.3
≥ 200	41.8	78.3	81.3	82.7	86.6	88.7	90.8	93.4	95.0	96.5	97.5	98.1	98.8	99.2	99.3	99.4
≥ 100	41.8	78.3	81.3	82.7	86.9	88.8	90.9	93.4	95.1	96.5	97.7	98.2	99.1	99.5	99.7	99.8
≥ 0	41.8	78.3	81.3	82.7	86.9	88.8	90.9	93.4	95.1	96.5	97.7	98.2	99.1	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

SECRET CLIMATECLOGY BR LH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23
STATION

LOPING AFB ME

STATION NAME

7-79

YEARS

MAP
MORPH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-000
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.25	≥.2	≥.16	≥.1	≥0
NO CEILING	16.3	46.3	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	16.3	46.3	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	16.3	46.6	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000	17.7	48.6	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 14000	17.0	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	17.0	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	18.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 9000	18.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 8000	20.0	54.7	54.9	54.9	54.9	54.9	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	20.4	56.2	56.5	56.5	56.6	56.6	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	20.3	56.6	58.8	58.8	58.8	58.8	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 5000	21.2	58.3	67.6	67.6	67.6	67.9	67.9	68.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 4500	21.4	60.9	61.2	61.3	61.4	61.4	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 4000	22.2	63.5	63.9	64.0	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9
≥ 3500	22.5	65.3	65.9	66.0	66.3	66.3	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
≥ 3000	23.4	68.9	69.6	69.9	70.2	70.2	70.2	70.5	70.6	70.9	70.9	70.9	70.9	70.9	71.0	71.1
≥ 2500	24.1	71.5	72.7	72.9	73.4	73.4	73.4	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.7
≥ 2000	24.3	74.1	75.8	76.0	77.0	77.0	77.3	77.7	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3
≥ 1800	25.1	75.1	76.9	77.1	78.2	78.3	78.6	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.7
≥ 1500	25.7	76.7	78.9	79.4	80.8	81.1	81.6	82.5	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.2
≥ 1200	25.9	77.8	81.1	81.8	82.4	82.8	83.3	84.4	84.9	84.9	84.9	85.1	85.1	85.2	85.2	85.3
≥ 1000	26.0	78.5	81.7	81.6	83.4	83.9	84.6	86.3	87.0	87.3	87.3	87.4	87.4	87.5	87.5	87.6
≥ 900	26.0	78.5	81.0	81.6	83.4	84.0	84.9	86.3	87.3	87.6	87.6	87.7	87.8	87.8	88.0	88.1
≥ 800	26.1	79.1	81.6	82.3	84.2	84.8	86.7	87.6	88.9	89.6	89.7	89.9	90.0	90.1	90.1	90.2
≥ 700	26.1	79.5	81.9	82.6	84.5	85.3	86.5	88.1	89.4	90.1	90.2	90.4	90.5	90.6	90.6	90.8
≥ 600	26.2	79.7	82.3	82.9	84.9	85.8	87.0	88.9	90.2	91.1	91.2	91.4	91.5	91.6	91.6	91.7
≥ 500	26.3	80.4	83.1	83.9	85.9	87.0	88.5	90.4	91.7	92.9	93.2	93.4	93.5	93.8	93.8	93.9
≥ 400	26.3	80.9	83.4	84.2	86.6	87.8	89.5	91.4	92.8	94.2	94.9	95.2	95.2	95.5	95.5	95.6
≥ 300	26.3	80.6	83.5	84.3	87.0	88.3	90.0	92.0	93.5	95.1	96.0	96.2	96.3	96.6	96.6	96.7
≥ 200	26.3	80.6	83.7	84.4	87.2	88.5	90.3	92.5	94.2	96.0	97.3	97.6	98.0	98.6	98.7	98.8
≥ 100	26.3	80.6	83.7	84.4	87.2	88.5	90.3	92.5	94.3	96.1	97.6	98.1	98.6	99.6	99.8	100.0
≥ 0	26.3	80.6	83.7	84.4	87.2	88.5	90.3	92.5	94.3	96.1	97.6	98.1	98.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFSTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 23 LORING AFB ME

70-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-9500
 HOURS LIST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	17.4	46.5	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.4	47.4	47.4
≥ 20000	18.0	48.5	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.1	49.1	49.1
≥ 18000	18.0	48.6	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.2	49.2	49.2
≥ 16000	18.0	48.7	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.4	49.4	49.4
≥ 14000	18.2	49.1	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.8	49.8	49.8
≥ 12000	18.3	49.3	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9	50.1	50.1	50.1
≥ 10000	18.6	50.0	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.6	50.6	50.6
≥ 9000	18.6	50.2	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.9	50.9	50.9
≥ 8000	19.4	51.9	52.2	52.2	52.2	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.7	52.7	52.7
≥ 7000	19.4	52.7	52.9	52.9	52.9	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.4	53.4	53.4
≥ 6000	20.0	55.2	55.4	55.4	55.4	55.4	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.9	55.9	55.9
≥ 5000	21.5	58.0	58.2	58.2	58.2	58.2	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.7
≥ 4500	21.7	58.5	58.8	58.8	58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.5	59.5	59.5
≥ 4000	22.7	61.3	61.5	61.5	61.5	61.5	61.8	61.9	62.3	62.3	62.3	62.4	62.4	62.6	62.6	62.7
≥ 3500	23.5	63.7	63.9	64.3	64.3	64.4	64.5	64.8	64.8	64.8	64.9	64.9	64.9	65.2	65.2	65.3
≥ 3000	24.4	66.5	66.9	67.3	67.4	67.5	67.6	68.1	68.1	68.1	68.2	68.2	68.2	68.5	68.5	68.6
≥ 2500	25.5	69.5	70.2	70.4	70.9	71.0	71.3	71.7	71.7	71.7	71.9	71.9	71.9	72.3	72.3	72.4
≥ 2000	25.6	72.4	73.3	73.8	74.3	74.4	74.7	75.3	75.3	75.4	75.6	75.6	75.6	75.9	75.9	76.0
≥ 1800	25.8	72.9	74.1	74.4	75.4	75.5	75.8	76.3	76.3	76.5	76.7	76.7	76.7	77.0	77.0	77.1
≥ 1500	26.1	74.5	76.1	76.7	78.4	78.5	79.1	80.0	80.3	80.4	80.5	80.5	80.6	81.0	81.0	81.1
≥ 1200	26.3	75.7	77.3	77.8	79.9	80.1	81.0	82.2	82.6	82.7	82.9	82.9	82.9	83.2	83.2	83.3
≥ 1000	26.3	76.2	78.1	78.6	80.6	81.0	82.2	83.3	84.1	84.2	84.4	84.4	84.4	84.7	84.7	84.8
≥ 900	26.3	76.3	78.3	78.9	81.2	81.5	82.7	84.0	84.7	84.8	85.1	85.1	85.1	85.4	85.4	85.5
≥ 800	26.6	77.2	79.1	79.8	82.6	83.3	84.4	85.8	87.1	87.2	87.4	87.4	87.5	87.8	87.8	88.0
≥ 700	26.6	77.4	79.5	80.2	83.1	83.7	85.2	86.8	88.3	88.4	88.8	88.8	88.9	89.4	89.4	89.5
≥ 600	26.6	78.1	80.2	80.9	83.8	84.3	85.8	87.5	89.0	89.4	89.8	89.9	90.0	90.3	90.3	90.4
≥ 500	26.7	78.4	80.5	81.3	84.5	85.1	86.9	88.9	90.6	91.2	92.2	92.3	92.4	92.7	92.7	92.8
≥ 400	26.7	78.5	80.9	81.7	85.2	85.8	87.6	90.0	91.8	92.6	93.5	93.6	93.9	94.2	94.2	94.3
≥ 300	26.7	78.5	81.4	82.5	86.1	87.0	89.1	91.4	93.5	94.4	95.5	95.7	95.9	96.3	96.3	96.5
≥ 200	26.7	78.6	81.5	82.6	86.6	87.4	89.8	92.2	94.4	95.7	96.9	97.3	97.7	98.5	98.5	98.6
≥ 100	26.7	78.6	81.5	82.7	86.7	87.5	89.9	92.5	94.6	96.1	97.4	97.8	98.3	99.8	99.8	99.9
≥ 0	26.7	78.6	81.5	82.7	86.7	87.5	89.9	92.5	94.8	96.1	97.4	97.8	98.3	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

STATION NAME

75-79

YEARS

4AP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-7800
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	36.3	42.4	42.7	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.7
≥ 20000	42.2	46.5	46.8	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.7
IV 18000	42.5	46.8	47.1	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	48.1
IV 16000	42.5	46.8	47.1	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	48.1
IV 14000	43.2	47.4	48.0	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.9
IV 12000	44.0	48.4	48.7	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.7
IV 10000	45.1	49.6	49.9	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.9
IV 9000	45.7	50.5	50.9	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.8
IV 8000	47.3	52.8	53.3	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.4
IV 7000	48.1	53.7	54.2	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.4
IV 6000	48.8	54.3	54.8	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	56.1
IV 5000	50.7	56.8	57.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.4
IV 4500	51.4	56.9	57.4	58.0	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.9
IV 4000	52.5	60.0	60.8	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.3
IV 3500	53.3	61.1	61.9	62.5	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.7
IV 3000	56.0	64.4	65.3	65.8	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.6
IV 2500	58.5	67.7	68.8	69.5	71.0	71.4	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.5
IV 2000	60.2	70.1	71.2	71.9	73.9	74.5	75.1	75.6	75.8	75.8	75.8	75.8	75.9	76.0	76.0	76.2
IV 1800	60.9	71.1	72.3	73.0	75.1	75.7	76.2	76.8	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.4
IV 1500	61.3	71.9	73.2	74.3	76.7	77.6	78.6	79.2	79.6	79.8	79.8	79.9	79.9	80.0	80.0	80.2
IV 1200	61.6	72.4	73.8	74.8	77.3	78.5	80.0	80.9	81.2	81.4	81.5	81.6	81.6	81.7	81.7	81.9
IV 1000	62.1	73.1	74.8	75.9	78.6	80.2	81.5	82.7	83.0	83.3	83.7	83.8	83.8	83.9	83.9	84.1
IV 900	62.3	73.5	75.6	76.7	79.4	80.9	82.4	83.9	84.3	84.7	85.1	85.2	85.2	85.3	85.3	85.5
IV 800	62.3	74.3	76.1	77.3	80.3	81.9	83.5	85.2	85.6	86.2	86.9	87.2	87.7	87.1	87.1	87.3
IV 700	62.4	75.3	77.5	79.0	82.3	83.9	85.5	87.1	87.5	88.4	89.1	89.2	89.2	89.4	89.4	89.6
IV 600	62.4	75.4	77.7	79.2	82.7	84.3	85.9	88.0	88.4	89.5	90.3	90.4	90.4	90.5	90.5	90.8
IV 500	62.5	76.0	78.4	79.9	83.3	85.1	86.7	88.8	89.2	90.4	91.0	91.8	91.8	91.9	91.9	92.2
IV 400	62.5	76.0	78.4	80.0	83.4	85.2	86.8	88.9	89.4	90.8	92.5	92.9	92.9	93.0	93.1	93.3
IV 300	62.7	76.5	78.8	80.4	83.9	85.7	87.4	89.8	90.3	91.8	94.2	94.7	94.9	95.1	95.2	95.4
IV 200	62.7	76.5	78.8	80.5	84.3	86.3	88.1	90.4	91.1	92.8	95.5	96.1	96.8	97.5	98.5	98.6
IV 100	62.7	76.5	78.8	80.5	84.3	86.3	88.2	90.9	91.5	93.3	96.1	96.8	97.5	98.5	98.6	99.2
IV 0	62.7	76.5	78.8	80.5	84.3	86.3	88.2	90.9	91.5	93.3	96.1	96.8	97.5	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LCRINS AFB ME

STATION NAME

70-79

YEARS

MAP

900-1100
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	37.6	36.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	42.5	44.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	42.9	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 16000	42.9	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	43.3	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000	44.4	46.3	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 10000	46.3	48.1	48.5	48.7	48.8	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 9000	46.9	48.7	49.1	49.4	49.5	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 8000	49.1	51.1	51.5	51.7	51.8	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 7000	49.9	51.6	52.2	52.4	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 6000	49.8	51.9	52.5	52.7	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 5000	51.1	53.4	54.1	54.3	54.4	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 4500	51.2	53.7	54.3	54.5	54.6	54.8	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 4000	52.7	55.8	56.5	56.7	57.3	57.2	57.5	57.6	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8
≥ 3500	53.5	56.9	57.5	57.6	58.3	58.5	58.8	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3000	56.1	62.6	63.2	63.7	64.6	64.8	65.5	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 2500	61.7	66.9	67.6	68.5	69.7	69.9	70.6	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2000	63.7	68.7	69.8	70.8	72.3	72.6	73.5	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1800	63.4	69.2	70.3	71.4	73.0	73.3	74.3	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1500	64.6	71.4	73.1	74.3	76.0	76.5	77.5	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1200	65.5	72.7	74.5	75.7	77.8	78.3	79.5	80.5	81.0	81.5	81.5	81.6	81.6	81.6	81.6	81.6
≥ 1000	65.6	73.2	75.4	76.7	79.1	79.6	81.1	82.3	83.1	84.0	84.4	84.6	84.6	84.6	84.6	84.6
≥ 900	66.0	74.1	76.2	77.5	80.1	80.5	82.4	83.8	84.5	85.7	86.1	86.3	86.3	86.3	86.3	86.3
≥ 800	66.3	74.5	77.2	78.5	81.1	81.5	83.4	84.8	85.6	87.0	87.4	87.6	87.6	87.6	87.6	87.6
≥ 700	66.6	75.2	77.8	79.6	82.4	82.9	84.9	86.5	87.2	88.7	89.5	89.7	89.7	89.7	89.7	89.7
≥ 600	66.8	75.4	78.3	80.3	83.3	83.9	86.0	87.7	88.5	90.2	91.3	91.6	91.6	91.7	91.7	91.7
≥ 500	66.9	75.7	78.6	80.8	83.9	84.5	86.7	88.4	89.6	91.4	92.7	93.1	93.4	93.5	93.5	93.5
≥ 400	66.9	75.9	78.8	81.1	84.2	84.9	87.2	89.0	90.4	92.3	94.0	94.7	95.2	95.3	95.3	95.3
≥ 300	66.9	75.9	79.2	81.6	84.8	85.7	88.2	90.1	91.6	93.4	95.3	96.3	97.0	97.3	97.3	97.3
≥ 200	66.9	75.9	79.2	81.6	84.9	85.8	88.4	90.3	91.8	93.7	95.8	97.1	97.8	98.4	98.5	98.5
≥ 100	66.9	75.9	79.2	81.6	84.9	85.8	88.4	90.4	91.9	93.8	96.2	97.5	98.3	98.9	99.0	99.1
≥ 0	66.9	75.9	79.2	81.6	84.9	85.8	88.4	90.4	91.9	93.8	96.2	97.5	98.3	98.9	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF-WEATHER SERVICE/MAD

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

STATION NAME

70-79

YEARS

MAD

1200-1400
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	33.9	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 18000	41.6	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 14000	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 12000	43.5	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 10000	45.8	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 9000	46.1	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 8000	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 7000	49.7	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 6000	49.4	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3
≥ 5000	51.2	52.6	52.7	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0
≥ 4500	52.2	52.6	52.7	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1
≥ 4000	51.5	54.5	54.6	54.6	54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4
≥ 3500	53.1	56.7	57.7	57.7	57.5	57.6	57.7	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0
≥ 3000	59.4	63.3	63.9	64.0	64.5	64.6	64.8	65.2	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6
≥ 2500	63.2	68.5	69.7	69.1	69.9	70.0	70.2	70.6	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3
≥ 2000	64.6	71.0	72.2	72.4	73.4	73.9	74.5	75.4	75.5	75.7	76.1	76.1	76.2	76.2	76.2	76.2
≥ 1800	64.8	71.6	72.8	73.0	74.2	74.6	75.4	76.2	76.3	76.6	77.0	77.0	77.1	77.1	77.1	77.1
≥ 1500	65.4	72.9	74.4	74.7	76.1	76.7	78.0	79.4	79.5	80.0	80.5	80.6	80.8	80.8	80.8	80.8
≥ 1200	65.2	74.3	75.9	76.2	77.8	78.5	80.0	81.4	81.5	82.0	82.7	82.8	82.9	82.9	82.9	82.9
≥ 1000	66.8	75.6	77.4	77.8	79.9	80.9	82.6	84.2	84.3	84.8	85.6	85.7	85.9	85.9	85.9	85.9
≥ 900	67.1	76.1	78.7	78.4	80.5	81.5	83.3	85.1	85.2	85.7	86.5	86.6	86.8	86.8	86.8	86.8
≥ 800	67.5	77.0	79.7	79.6	81.7	82.8	84.9	86.8	87.7	87.8	88.9	89.0	89.4	89.4	89.4	89.4
≥ 700	67.5	77.3	79.8	80.2	82.4	83.4	85.7	87.5	87.8	88.8	90.1	90.2	90.5	90.5	90.5	90.5
≥ 600	67.6	77.6	79.9	80.5	82.8	84.1	86.3	88.4	88.8	89.9	91.4	91.5	91.8	91.8	91.8	91.8
≥ 500	68.0	78.2	80.6	81.4	83.9	85.4	88.0	90.2	90.8	91.9	93.7	93.9	94.3	94.3	94.5	94.5
≥ 400	68.0	78.2	80.6	81.4	84.1	85.6	88.3	90.9	91.4	92.9	94.8	95.3	95.8	95.9	96.0	96.0
≥ 300	68.0	78.2	80.6	81.5	84.4	85.9	89.0	91.9	92.6	94.2	96.3	97.2	97.8	98.0	98.1	98.1
≥ 200	68.0	78.2	80.6	81.5	84.4	86.0	89.1	92.3	92.9	94.5	96.8	97.7	98.6	98.8	98.9	98.9
≥ 100	68.0	78.2	80.6	81.5	84.4	86.0	89.1	92.3	92.9	94.5	96.8	97.7	98.7	99.0	99.2	99.5
≥ 0	68.0	78.2	80.6	81.5	84.4	86.0	89.1	92.3	92.9	94.5	96.8	97.7	98.7	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF EAC
AFM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1123 LORING AFB ME

73-79

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
SCALE 1:1

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	34.1	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 20000	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 18000	39.7	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 16000	39.9	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 14000	40.4	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 12000	42.2	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 10000	44.9	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 9000	45.4	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 8000	49.2	50.1	50.2	50.2	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 7000	51.8	51.6	51.9	51.9	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000	51.7	52.7	52.9	53.1	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 5000	53.1	54.6	54.8	54.9	55.3	55.3	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4500	53.2	54.9	55.3	55.4	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 4000	56.3	58.8	59.2	59.4	59.7	59.9	59.9	60.2	60.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 3500	57.7	60.9	61.3	61.4	61.7	61.9	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3000	62.4	67.2	67.6	67.7	68.4	68.6	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 2500	65.8	71.9	72.3	72.8	73.8	74.2	74.4	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2000	67.2	74.4	75.2	75.5	76.7	77.1	77.6	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800	67.8	75.2	75.9	76.2	77.6	78.1	78.6	79.3	79.8	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 1500	69.3	77.7	78.3	78.6	80.3	80.8	81.8	83.2	83.7	83.5	83.5	83.5	83.7	83.7	83.7	83.7
≥ 1200	69.4	78.1	79.6	79.9	81.7	82.3	83.4	85.1	85.1	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 1000	73.1	78.7	80.3	80.8	82.9	83.4	85.1	87.0	87.1	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 900	70.1	79.0	80.8	81.1	83.2	83.9	85.5	87.4	87.5	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 800	70.2	79.4	81.0	81.5	83.8	84.4	86.1	88.2	88.5	89.4	89.6	89.6	89.7	89.7	89.7	89.7
≥ 700	70.3	79.5	81.2	81.8	84.1	85.2	87.1	89.2	89.6	90.6	90.9	91.1	91.3	91.3	91.3	91.3
≥ 600	70.4	79.7	81.5	82.3	84.8	85.9	87.8	90.2	90.6	91.7	92.2	92.5	92.8	92.8	92.8	92.8
≥ 500	70.5	79.9	81.8	82.8	85.8	86.9	88.9	91.5	92.2	93.5	94.5	94.8	95.2	95.2	95.2	95.2
≥ 400	70.5	79.9	81.8	82.8	85.9	87.0	89.1	91.9	92.7	94.3	95.4	95.8	96.2	96.2	96.2	96.2
≥ 300	70.5	79.9	81.8	82.8	86.0	87.1	89.4	92.3	93.0	94.8	96.2	96.7	97.4	97.6	97.6	97.6
≥ 200	70.5	79.9	81.8	82.8	86.0	87.1	89.5	92.4	93.1	95.2	96.7	97.2	98.3	98.5	98.5	98.7
≥ 100	70.5	79.9	81.8	82.8	86.0	87.1	89.5	92.4	93.1	95.2	96.7	97.2	98.4	98.7	99.1	99.6
≥ 0	70.5	79.9	81.8	82.8	86.0	87.1	89.5	92.4	93.1	95.2	96.7	97.2	98.4	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAF

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

STATION NAME

7-79

YEAR

VAD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1811-2.03
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING	22.5	41.5	41.6	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	
≥ 20000	23.9	44.6	44.7	44.7	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
≥ 18000	24.1	44.9	45.1	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
≥ 16000	24.1	45.1	45.2	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	
≥ 14000	24.0	45.3	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
≥ 12000	24.3	46.3	46.5	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
≥ 10000	26.5	49.1	49.2	49.2	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
≥ 9000	26.9	49.6	49.7	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
≥ 8000	28.1	52.2	52.3	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
≥ 7000	29.2	54.6	54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
≥ 6000	29.5	55.8	55.9	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
≥ 5000	32.1	57.7	58.7	58.7	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
≥ 4500	39.1	56.3	58.5	58.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	
≥ 4000	32.9	63.7	63.9	63.9	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
≥ 3500	33.4	65.7	66.2	66.2	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
≥ 3000	34.3	69.4	70.1	70.1	70.5	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
≥ 2500	34.6	72.3	73.1	73.2	74.7	75.3	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	
≥ 2000	35.5	74.2	75.3	75.6	77.5	78.3	79.0	79.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	
≥ 1800	35.6	74.4	75.5	75.9	78.1	78.9	79.7	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	
≥ 1500	36.0	75.9	77.2	77.5	81.0	81.0	82.2	83.1	83.2	83.3	83.4	83.5	83.5	83.5	83.5	
≥ 1200	36.6	77.6	79.2	79.6	82.7	83.2	84.6	85.8	85.9	86.1	86.2	86.3	86.3	86.3	86.3	
≥ 1000	36.7	78.2	80.1	80.6	83.3	84.6	86.3	88.6	88.9	89.6	89.7	89.8	89.8	89.8	89.8	
≥ 900	36.8	78.4	81.3	81.9	83.9	85.3	87.3	89.5	89.6	90.2	90.3	90.4	90.4	90.4	90.4	
≥ 800	37.1	79.0	81.1	81.7	85.1	86.6	88.4	91.5	91.2	92.2	92.4	92.5	92.5	92.5	92.5	
≥ 700	37.1	79.7	81.7	82.4	85.8	87.3	89.1	91.9	92.3	93.5	94.3	94.4	94.4	94.4	94.4	
≥ 600	37.1	79.9	82.2	82.9	86.3	87.8	89.7	92.6	93.7	94.3	95.1	95.2	95.2	95.2	95.2	
≥ 500	37.1	80.0	82.5	83.2	86.8	88.3	90.2	93.1	93.7	94.9	95.7	95.9	95.9	95.9	95.9	
≥ 400	37.1	80.1	82.6	83.3	86.9	88.4	90.4	93.7	94.3	95.6	96.5	96.7	96.7	96.7	96.7	
≥ 300	37.1	80.1	82.6	83.3	86.9	88.4	90.4	93.9	94.5	95.8	97.0	97.2	97.4	97.4	97.4	
≥ 200	37.1	80.1	82.6	83.3	87.0	88.5	90.5	94.2	94.8	96.3	97.6	97.8	98.1	98.1	98.2	
≥ 100	37.1	80.1	82.6	83.3	87.0	88.5	90.5	94.2	94.8	96.6	98.1	98.3	98.7	99.1	99.4	
≥ 0	37.1	80.1	82.6	83.3	87.0	88.5	90.5	94.2	94.8	96.6	98.1	98.3	98.7	99.1	99.4	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

70-70

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2103-2350
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	17.1	45.9	46.7	46.3	46.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	17.7	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	17.7	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	17.8	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 14000	18.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 12000	18.5	49.9	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000	19.4	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	19.7	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000	20.2	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 7000	20.8	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 6000	21.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 5000	21.7	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	21.9	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 4000	22.7	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 3500	22.8	63.7	63.9	63.9	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3000	23.5	67.3	67.8	67.8	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 2500	23.9	71.1	71.6	71.8	72.4	72.5	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2000	23.9	73.3	74.5	74.7	76.6	77.0	77.4	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	24.1	74.3	75.5	75.7	77.6	78.1	78.5	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	24.8	76.6	78.7	78.4	80.6	81.1	81.8	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	25.2	78.1	79.7	80.2	82.7	83.2	84.2	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	25.2	78.6	80.3	80.9	83.7	84.2	85.6	86.6	87.3	87.8	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	25.2	78.8	80.6	81.2	84.1	84.6	86.5	87.4	88.3	88.9	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	25.3	79.6	81.6	82.3	85.3	85.9	87.7	89.1	90.1	90.8	91.3	91.4	91.5	91.5	91.5	91.5
≥ 700	25.3	79.8	81.9	82.7	85.7	86.3	88.2	89.7	90.6	91.4	91.9	92.0	92.2	92.2	92.2	92.2
≥ 600	25.3	80.1	82.3	83.1	86.3	87.0	88.8	90.3	91.4	92.2	92.8	92.9	93.0	93.0	93.0	93.0
≥ 500	25.3	80.4	82.7	83.5	87.1	87.8	90.0	92.0	93.4	94.3	95.1	95.2	95.4	95.5	95.5	95.5
≥ 400	25.3	80.4	82.7	83.7	87.3	88.1	90.3	92.5	94.0	95.2	96.2	96.3	96.7	96.8	96.8	96.8
≥ 300	25.3	80.4	82.7	83.7	87.3	88.1	90.3	92.8	94.4	95.8	96.9	97.0	97.6	97.6	97.6	97.6
≥ 200	25.3	80.4	82.8	83.8	87.4	88.2	90.4	92.9	94.6	96.0	97.3	97.4	98.2	98.4	98.4	98.4
≥ 100	25.3	80.4	82.9	83.9	87.5	88.3	90.5	93.1	94.8	96.3	98.0	98.1	99.0	99.7	99.9	99.9
≥ 0	25.3	80.4	82.9	83.9	87.5	88.3	90.5	93.1	94.8	96.3	98.0	98.1	99.0	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 LORING AFB ME

73-79

MAC

STATION

STATION NAME

YEARS

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
-045 15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	47.1	41.4	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 20000	39.2	45.2	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6
≥ 18000	30.4	45.5	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9
≥ 16000	30.5	45.7	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1
≥ 14000	35.9	46.2	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6
≥ 12000	31.6	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	33.1	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4
≥ 9000	33.5	49.5	49.7	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0
≥ 8200	35.1	52.1	52.2	52.2	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6
≥ 7000	35.9	53.4	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1
≥ 6000	36.3	54.6	54.8	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3
≥ 5000	37.3	56.4	56.7	56.8	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3
≥ 4500	37.4	56.8	57.1	57.2	57.4	57.5	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8
≥ 4000	39.1	60.3	60.4	60.5	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 3500	40.3	61.7	62.2	62.4	62.7	62.8	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3
≥ 3000	42.7	66.3	66.8	67.0	67.6	67.8	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.5
≥ 2500	44.6	69.9	70.7	71.1	72.0	72.2	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.3
≥ 2000	45.6	72.3	73.4	73.8	75.2	75.5	76.0	76.7	76.6	77.0	77.1	77.1	77.1	77.2	77.2	77.2
≥ 1800	45.9	73.1	74.2	74.6	75.1	76.6	77.1	77.8	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.3
≥ 1500	46.6	74.6	76.2	76.7	78.6	79.1	80.1	81.0	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.8
≥ 1200	47.1	75.8	77.5	78.1	80.2	80.9	82.0	83.1	83.5	83.7	83.9	83.9	84.0	84.0	84.0	84.1
≥ 1000	47.3	76.5	78.4	79.1	81.4	82.2	83.6	85.1	85.6	86.1	86.4	86.5	86.5	86.6	86.6	86.6
≥ 900	47.5	76.9	78.8	79.5	82.3	82.8	84.3	85.9	86.4	87.0	87.3	87.4	87.4	87.5	87.5	87.5
≥ 800	47.7	77.5	79.6	80.4	83.0	83.9	85.6	87.3	88.7	88.8	89.2	89.3	89.4	89.5	89.5	89.6
≥ 700	47.7	77.9	80.2	81.1	83.8	84.7	86.5	88.3	89.1	90.0	90.6	90.8	90.9	90.9	90.9	91.0
≥ 600	47.8	78.2	80.5	81.5	84.4	85.4	87.2	89.2	90.0	91.0	91.7	91.9	92.0	92.1	92.1	92.2
≥ 500	47.9	78.6	81.0	82.1	85.1	86.3	88.2	90.4	91.4	92.6	93.6	93.8	94.0	94.1	94.1	94.2
≥ 400	47.9	78.7	81.2	82.3	85.4	86.6	88.7	91.0	92.1	93.5	94.7	95.1	95.3	95.4	95.5	95.5
≥ 300	47.9	78.8	81.3	82.5	85.8	87.0	89.2	91.6	92.9	94.4	95.9	96.4	96.8	97.0	97.0	97.1
≥ 200	47.9	78.8	81.4	82.6	86.0	87.2	89.5	92.1	93.4	95.0	96.7	97.3	97.9	98.3	98.4	98.5
≥ 100	47.9	78.8	81.4	82.6	86.0	87.3	89.6	92.3	93.5	95.2	97.1	97.7	98.4	99.2	99.4	99.6
≥ 0	47.9	78.8	81.4	82.6	86.0	87.3	89.6	92.3	93.5	95.2	97.1	97.7	98.4	99.2	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

APP
NO.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	27.6	46.3	46.5	46.5	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.3	47.3
≥20000	21.7	43.9	49.4	49.4	49.5	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	50.2
IV 18000	21.8	49.3	49.5	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.3
IV 16000	21.3	49.2	49.5	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.6
IV 14000	21.3	49.4	50.7	50.7	50.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.8
IV 12000	21.3	49.4	50.7	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.8
IV 10000	22.3	51.4	52.7	52.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.9
IV 9000	22.4	51.7	52.2	52.2	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	53.1
IV 8000	23.2	52.9	53.4	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.3
IV 7000	23.9	53.8	56.4	56.6	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.4
IV 6000	24.1	57.1	57.4	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.5
IV 5000	24.7	58.9	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.6
IV 4500	25.2	60.7	61.4	61.4	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.3
IV 4000	27.1	65.3	66.2	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.4
IV 3500	28.2	66.9	67.8	67.9	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8	69.1
IV 3000	28.7	69.8	70.7	70.8	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.6
IV 2500	29.3	72.7	73.9	74.2	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.0
IV 2000	29.4	74.3	76.1	76.4	77.6	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.7
IV 1800	29.4	74.4	76.2	76.6	77.7	78.0	79.1	78.1	79.2	78.2	78.3	78.3	78.3	78.3	78.4	78.8
IV 1500	29.9	76.6	78.4	79.0	80.3	80.7	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.9
IV 1200	29.9	77.8	80.3	81.1	83.0	83.3	83.6	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.3	84.7
IV 1000	29.9	78.6	81.3	82.1	84.2	84.6	84.8	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.9
IV 900	29.9	79.1	82.1	82.9	85.1	85.6	85.8	86.0	86.3	86.7	86.8	86.8	86.8	86.8	86.9	87.2
IV 800	29.9	79.6	82.9	83.9	86.1	86.6	87.1	87.8	88.2	88.6	88.7	88.7	88.7	88.7	88.8	89.1
IV 700	29.9	80.1	83.4	84.6	86.9	87.3	87.9	88.7	89.2	89.7	89.8	89.8	89.8	89.8	89.9	90.2
IV 600	29.9	80.2	83.6	84.7	87.3	87.4	88.4	89.7	90.6	91.1	91.4	91.4	91.4	91.4	91.7	92.0
IV 500	29.9	80.7	84.0	85.1	88.1	88.7	89.4	91.8	92.7	93.6	93.9	94.0	94.0	94.0	94.1	94.4
IV 400	29.9	81.2	84.8	86.1	89.4	90.3	90.9	93.2	94.4	95.3	95.7	95.8	95.8	95.8	95.9	96.2
IV 300	29.9	81.4	85.2	86.6	89.9	90.6	91.6	94.2	95.6	96.9	97.3	97.8	97.8	97.8	97.9	98.2
IV 200	29.9	81.4	85.2	86.6	89.9	90.6	91.6	94.6	96.2	97.6	98.1	98.6	98.6	98.6	98.9	99.2
IV 100	29.9	81.4	85.2	86.6	89.9	90.6	91.6	94.6	96.2	97.6	98.2	98.7	98.7	98.7	99.0	99.7
IV 0	29.9	81.4	85.2	86.6	89.9	90.6	91.6	94.6	96.2	97.6	98.2	98.7	98.7	98.7	99.0	99.7

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
AFETC
AF WEATHER SE-1001/440

CEILING VERSUS VISIBILITY

1-20 LOPING AFB MO

70-79

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0000
0001-1000

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	22.7	41.0	47.7	41.7	41.1	41.7	41.7	41.7	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥10000	24.3	43.6	43.7	43.6	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥18000	24.3	43.6	43.6	43.6	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥15000	24.3	43.7	43.6	43.6	44.3	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1
≥14000	24.6	44.2	44.5	44.5	44.9	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥12000	24.7	45.1	45.3	45.3	45.5	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4
≥10000	25.3	45.4	45.7	45.7	46.1	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8
≥9000	27.3	46.3	46.7	46.7	47.1	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
≥8000	27.7	49.7	49.9	51.1	50.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥7000	26.1	51.3	52.1	52.1	52.6	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥6000	28.8	53.2	53.4	53.6	54.0	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥5000	27.4	55.6	55.4	55.9	56.3	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥4500	31.1	57.1	57.2	57.3	57.8	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
≥4000	33.3	61.1	61.4	61.5	62.1	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥3500	35.4	62.9	63.4	63.6	64.1	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥3000	35.4	65.4	65.1	65.4	67.1	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥2500	36.3	67.3	68.7	68.3	69.0	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
≥2000	37.1	69.7	70.3	70.7	71.4	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3
≥1800	37.3	70.0	70.9	71.0	71.9	72.4	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥1500	37.7	73.5	74.5	74.5	75.1	75.7	77.7	77.2	77.9	77.6	77.6	76.7	75.1	75.1	75.1
≥1200	38.1	75.3	77.7	76.4	77.1	80.7	81.2	81.7	82.9	82.2	82.6	82.6	82.9	82.9	82.9
≥1000	38.1	76.3	77.7	76.4	77.1	80.7	81.2	81.7	82.9	82.2	82.6	82.6	82.9	82.9	82.9
≥900	38.2	77.1	78.6	79.3	81.2	81.8	82.3	82.6	83.1	83.4	83.9	84.1	84.2	84.2	84.4
≥800	38.2	77.7	79.1	79.9	81.9	82.6	83.1	83.9	84.6	85.0	85.6	85.8	85.9	85.9	86.1
≥700	38.2	77.8	79.3	80.1	82.3	83.1	84.0	84.5	85.7	86.1	86.5	87.0	87.1	87.1	87.3
≥600	38.2	78.3	80.0	80.9	83.1	83.9	85.7	86.2	87.4	88.1	88.5	89.3	89.2	89.2	89.4
≥500	38.3	76.9	80.2	81.7	84.1	85.2	85.8	88.2	89.4	90.1	90.9	91.1	91.5	91.5	91.6
≥400	38.3	79.3	81.8	82.6	85.6	86.3	88.4	89.1	91.3	92.7	93.1	93.2	93.7	93.7	93.9
≥300	38.3	79.4	81.8	82.8	85.2	87.9	89.6	91.7	91.7	92.7	93.1	93.2	93.7	93.7	93.9
≥200	38.3	79.4	81.8	82.9	86.6	88.2	90.1	92.2	93.7	95.4	96.8	97.2	97.9	98.3	98.6
≥100	38.3	79.4	81.8	82.9	86.6	88.2	90.1	92.2	93.7	95.4	96.8	97.2	97.9	98.3	98.6
≥0	38.3	79.4	81.8	82.9	86.6	88.2	90.1	92.2	93.7	95.4	96.8	97.2	97.9	98.3	98.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATE LOGS BRANCH
STATE/AC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-1-23
STATION

LORING AFB ME

STATION NAME

70-79

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7600-0800
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.3	≥.2	≥.1	≥.05	≥.03	≥.01
NO CEILING	34.7	36.7	36.7	36.7	35.6	35.7	35.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
≥ 20000	37.1	39.8	38.8	39.8	39.4	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9
≥ 18000	37.7	39.3	39.3	39.3	40.2	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4
≥ 16000	37.7	39.3	39.3	39.3	40.0	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4
≥ 14000	39.3	40.2	40.2	40.2	41.9	41.7	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3
≥ 12000	39.7	40.2	40.2	40.2	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0
≥ 10000	43.2	45.3	45.4	45.4	46.1	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.6
≥ 9000	43.4	45.6	45.7	45.7	46.3	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
≥ 8000	46.7	49.3	49.1	49.3	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 7000	48.9	51.4	51.6	51.8	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
≥ 6000	51.1	52.9	53.1	53.2	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 5000	53.1	56.1	56.2	56.6	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
≥ 4500	54.5	57.9	58.1	58.3	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥ 4000	56.4	59.9	60.1	60.3	61.2	61.3	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8
≥ 3500	57.4	60.9	61.1	61.3	62.2	62.3	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9
≥ 3000	59.9	64.7	65.1	65.2	66.2	66.3	66.7	67.3	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3
≥ 2500	62.2	66.3	66.7	67.0	68.0	68.2	68.6	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3
≥ 2000	63.8	68.3	68.6	69.1	70.1	70.6	71.0	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8
≥ 1800	64.3	69.2	69.6	69.9	70.9	71.3	71.8	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.6
≥ 1500	66.3	71.9	72.3	72.8	74.0	74.4	74.9	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0
≥ 1200	67.8	74.1	74.7	75.3	76.9	77.4	77.9	78.7	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.2
≥ 1000	69.4	75.4	76.1	77.0	79.0	79.6	80.3	81.8	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.6
≥ 900	68.9	76.1	76.6	77.1	79.8	80.6	81.2	82.8	82.9	83.1	83.7	83.7	83.7	83.7	83.7	83.8
≥ 800	69.1	76.3	77.0	78.2	80.7	82.1	83.5	84.7	84.8	85.0	85.7	85.7	85.7	85.7	85.7	85.8
≥ 700	69.1	76.4	77.3	79.3	81.4	82.9	83.8	85.4	85.6	85.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 600	69.3	77.0	77.9	79.6	82.2	83.7	84.8	86.7	86.9	87.4	88.6	88.6	88.6	88.6	88.6	88.7
≥ 500	69.3	78.1	78.2	81.0	82.8	85.3	86.6	88.4	88.9	89.4	90.9	91.1	91.1	91.1	91.1	91.2
≥ 400	69.6	78.6	79.1	82.0	85.3	87.1	88.3	90.3	90.6	91.3	92.9	93.1	93.1	93.1	93.1	93.4
≥ 300	69.6	78.7	80.3	82.4	85.8	88.0	89.4	91.9	93.0	93.7	95.7	96.1	96.3	96.3	96.3	96.8
≥ 200	69.9	78.7	80.3	82.6	85.9	88.4	90.0	92.4	93.7	94.3	95.4	96.9	97.3	97.3	97.4	98.3
≥ 100	69.6	78.7	80.3	82.6	85.9	88.4	90.0	92.6	93.9	94.6	96.7	97.2	97.7	97.7	97.9	98.6
≥ 0	69.6	78.7	80.3	82.6	85.9	88.4	90.0	92.6	93.9	94.6	96.7	97.2	97.7	97.7	97.9	98.6

TOTAL NUMBER OF OBSERVATIONS 900

NAVY CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1023 LORING AFB ME

70-79

ADD
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥0
NO CEILING	34.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	37.1	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 16000	37.3	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	37.8	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 12000	39.1	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 10000	41.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 9000	42.7	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 8000	45.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 7000	48.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 6000	49.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 5000	51.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4500	51.7	53.4	53.4	53.4	54.0	54.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4000	54.1	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 3500	56.0	57.9	58.2	58.2	59.6	58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3000	60.7	62.9	63.3	63.4	64.2	64.4	64.6	64.7	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 2500	64.7	67.0	67.4	67.7	68.6	68.8	69.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2000	67.3	72.0	72.6	72.9	73.8	74.1	74.4	74.6	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1800	69.1	72.8	73.3	73.7	74.6	74.9	75.2	75.3	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1500	73.8	75.7	76.4	77.0	78.0	78.4	79.2	79.2	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1200	72.1	78.1	79.1	79.9	81.1	81.7	82.4	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	72.4	79.1	80.6	81.4	83.3	83.9	85.0	85.4	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0
≥ 900	72.8	79.6	81.1	82.2	84.1	84.8	85.9	86.3	86.4	86.8	87.0	87.0	87.0	87.0	87.0	87.0
≥ 800	73.4	80.4	82.1	83.6	85.8	86.4	87.6	88.0	88.1	88.6	88.9	88.9	88.9	88.9	88.9	88.9
≥ 700	73.8	81.4	83.4	85.2	87.4	88.4	89.6	90.0	90.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	73.8	81.6	83.8	85.7	88.3	89.7	90.9	91.3	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	73.8	82.1	84.7	86.9	90.0	91.4	92.7	93.2	93.3	94.1	94.4	94.7	94.7	94.7	94.7	94.7
≥ 400	73.9	82.7	85.6	87.9	91.1	92.7	94.0	94.6	94.7	95.6	95.9	96.1	96.2	96.2	96.2	96.2
≥ 300	73.9	82.8	85.8	88.3	91.8	93.6	94.9	95.8	96.0	96.9	97.4	97.7	97.9	97.9	97.9	97.9
≥ 200	73.9	82.8	85.8	88.3	91.8	93.6	95.0	95.9	96.2	97.3	98.2	98.6	99.3	99.4	99.4	99.4
≥ 100	73.9	82.8	85.8	88.3	91.8	93.6	95.0	95.9	96.3	97.4	98.3	98.8	99.3	99.4	99.6	99.8
≥ 0	73.9	82.8	85.8	88.3	91.8	93.6	95.0	95.9	96.3	97.4	98.3	98.8	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1423 LORING AFB ME

75-79

196

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.3	≥.2	≥.1	≥.05	≥.03	≥.01
NO CEILING	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 20000	34.7	35.3	35.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 18000	35.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 16000	35.1	35.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 14000	35.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 12000	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 10000	37.2	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 9000	37.6	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 8000	39.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 7000	41.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 5000	43.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 4500	45.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 4000	46.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 3500	50.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 3000	53.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2500	66.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2000	70.8	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1800	71.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1500	72.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1200	73.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1000	73.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 900	73.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 800	74.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 700	74.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 600	74.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 500	74.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 400	74.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 300	74.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 200	74.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 100	74.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 0	74.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 JOSEF TAYLOR
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 STATION NAME LOPPING AFB ME 12-75 YEARS ADD MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

15.0-1.375
 HOURS 1.5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 18000	37.1	37.9	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 16000	37.4	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 14000	37.9	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	38.1	39.0	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 10000	40.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 9000	41.4	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 8000	44.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000	46.2	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 6000	49.9	51.2	51.4	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 5000	51.3	53.6	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4500	52.3	54.7	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 4000	56.1	56.9	59.1	59.3	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 3500	59.2	62.1	62.3	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 3000	55.3	68.9	69.3	69.4	69.9	69.9	70.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 2500	69.9	74.7	75.3	75.6	76.6	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2000	73.3	83.2	81.1	81.3	82.9	83.3	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.1	84.1	84.1
≥ 1800	74.6	81.2	82.1	82.3	83.9	84.3	84.8	85.0	85.0	85.0	85.0	85.0	85.1	85.2	85.2	85.2
≥ 1500	75.2	82.2	83.1	83.3	85.1	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.4	86.4	86.4
≥ 1200	75.7	83.1	84.2	84.4	85.2	86.7	87.1	87.3	87.6	87.7	87.7	87.8	87.9	87.9	87.9	87.9
≥ 1000	76.1	83.6	84.8	85.1	87.1	87.7	88.2	88.4	88.6	88.9	89.0	89.2	89.3	89.3	89.3	89.3
≥ 900	76.2	84.1	85.2	85.7	87.8	88.4	89.2	89.3	89.8	89.9	90.0	90.2	90.3	90.3	90.3	90.3
≥ 800	76.6	84.6	85.9	86.6	89.0	89.7	90.2	90.6	91.1	91.3	91.6	91.8	91.9	91.9	91.9	91.9
≥ 700	76.8	85.2	86.6	87.2	89.9	90.7	91.2	91.6	92.1	92.4	93.0	93.3	93.4	93.4	93.4	93.4
≥ 600	76.8	85.6	86.9	88.0	91.3	92.3	92.9	93.4	94.0	94.1	95.1	95.7	95.8	95.9	95.9	95.9
≥ 500	76.9	85.8	87.1	88.6	92.0	93.2	93.9	94.4	95.0	95.3	96.1	96.8	97.0	97.1	97.1	97.1
≥ 400	76.9	85.8	87.2	88.9	92.4	93.7	94.6	95.2	95.9	96.2	97.0	97.3	98.0	98.2	98.2	98.2
≥ 300	76.9	85.8	87.2	88.9	92.6	93.8	94.7	95.6	96.3	96.7	97.4	98.2	98.4	98.7	98.7	98.8
≥ 200	76.8	85.8	87.2	88.9	92.6	93.9	94.8	95.7	96.4	96.8	97.6	98.3	98.6	98.9	98.9	99.0
≥ 100	76.8	85.8	87.2	88.9	92.6	93.9	94.8	95.7	96.4	96.8	97.6	98.3	98.8	99.2	99.3	99.3
≥ 0	76.8	85.8	87.2	88.9	92.6	93.9	94.8	95.7	96.4	96.8	97.6	98.3	98.8	99.2	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23
STATION

LORING AFB ME

70-79
YEAR

100
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	26.6	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	37.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 18000	37.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000	38.9	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	41.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 12000	32.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000	33.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	34.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 8000	36.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000	38.6	55.9	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 6000	40.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3
≥ 5000	42.4	60.9	61.7	61.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3
≥ 4500	43.1	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8
≥ 4000	45.0	64.9	65.7	65.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4
≥ 3500	46.1	67.7	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2
≥ 3000	48.1	71.1	71.2	71.3	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9
≥ 2500	50.1	75.1	75.7	75.9	76.8	77.0	77.2	77.6	77.7	77.7	77.7	77.7	77.8	77.9	77.9	77.9
≥ 2000	51.3	77.7	78.4	78.8	80.0	80.3	80.7	81.1	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.4
≥ 1800	51.3	78.2	79.1	79.3	80.6	80.9	81.2	81.7	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.0
≥ 1500	51.4	79.1	80.0	80.8	82.2	82.7	83.3	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.3
≥ 1200	51.6	80.0	80.9	81.7	83.3	83.8	84.4	85.2	85.4	85.6	85.6	85.7	85.7	85.8	85.8	85.8
≥ 1000	52.2	81.3	82.2	83.0	85.1	85.6	86.6	87.4	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.3
≥ 900	52.3	81.6	82.7	83.4	85.7	86.6	87.4	88.6	89.1	89.2	89.3	89.4	89.4	89.6	89.6	89.6
≥ 800	52.4	82.4	83.4	84.3	86.9	87.8	88.7	89.9	90.4	90.6	90.7	90.8	90.9	91.0	91.0	91.0
≥ 700	52.4	82.9	83.9	84.8	87.3	88.4	89.4	91.0	91.6	91.7	92.2	92.3	92.4	92.6	92.6	92.7
≥ 600	52.4	83.0	84.0	85.0	87.9	89.0	90.2	92.2	92.9	93.0	93.2	94.0	94.1	94.2	94.2	94.3
≥ 500	52.4	83.2	84.2	85.3	88.3	89.8	91.0	93.3	94.0	94.3	95.2	95.4	95.7	95.8	95.9	95.9
≥ 400	52.4	83.2	84.3	85.6	88.7	90.1	91.7	94.2	95.3	95.8	97.0	97.2	97.4	97.6	97.6	97.7
≥ 300	52.4	83.2	84.3	85.6	88.8	90.3	91.9	94.4	95.6	96.1	97.4	97.9	98.1	98.4	98.4	98.6
≥ 200	52.4	83.2	84.3	85.6	88.8	90.3	92.1	94.7	95.9	96.4	97.8	98.4	98.9	99.2	99.3	99.4
≥ 100	52.4	83.2	84.3	85.6	88.8	90.3	92.1	94.7	95.9	96.4	97.8	98.4	98.9	99.2	99.3	99.8
≥ 0	52.4	83.2	84.3	85.6	88.8	90.3	92.1	94.7	95.9	96.4	97.8	98.4	99.0	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21-23 LORING AFB ME

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS, LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥0
NO CEILING	42.1	48.2	48.9	48.9	49.0	49.3	49.7	49.5	49.0	49.0	49.1	49.0	49.0	49.0	49.0	49.1
≥ 20000	22.5	50.3	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7
≥ 18000	22.7	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1
≥ 16000	22.3	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
≥ 14000	23.1	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
≥ 12000	23.5	52.4	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 10000	24.4	53.3	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 9000	24.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 8000	25.4	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
≥ 7000	26.7	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 6000	27.1	60.8	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 5000	28.7	63.3	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 4500	29.2	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 4000	30.8	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 3500	31.3	69.8	69.9	69.9	70.2	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8
≥ 3000	32.2	72.9	73.1	73.1	73.2	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 2500	33.2	75.9	76.3	76.3	77.1	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 2000	33.3	77.7	78.3	78.3	79.4	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 1800	33.4	78.8	79.4	79.4	80.6	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 1500	33.8	80.6	81.4	81.6	83.3	83.7	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4
≥ 1200	33.8	81.7	83.1	83.4	85.0	85.7	86.1	86.4	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 1000	33.9	82.8	84.3	85.0	86.7	87.4	87.9	88.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.1
≥ 900	33.9	83.1	84.8	85.4	87.3	88.3	88.8	89.3	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 800	34.0	83.7	85.5	86.2	88.3	89.8	90.3	91.3	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.5
≥ 700	34.0	84.2	86.1	86.9	88.9	90.0	91.1	92.1	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.4
≥ 600	34.7	84.3	86.3	87.0	89.1	90.9	91.4	92.7	93.2	94.1	94.3	94.3	94.4	94.4	94.4	94.6
≥ 500	34.7	85.0	87.0	87.9	90.0	91.8	92.3	94.1	94.6	95.7	95.9	95.9	96.0	96.0	96.0	96.1
≥ 400	34.7	85.2	87.3	88.2	90.3	92.1	92.6	94.8	95.8	96.8	97.0	97.0	97.1	97.1	97.1	97.2
≥ 300	34.7	85.2	87.3	88.2	90.3	92.1	92.8	95.0	96.1	97.2	97.6	97.6	97.9	97.9	97.9	98.0
≥ 200	34.7	85.2	87.3	88.2	90.3	92.1	92.9	95.4	96.6	97.7	98.1	98.7	98.9	98.9	98.9	99.0
≥ 100	34.7	85.3	87.4	88.3	90.4	92.2	93.3	95.8	96.9	98.0	98.4	99.0	99.2	99.4	99.6	99.9
≥ 0	34.7	85.3	87.4	88.3	90.4	92.2	93.3	95.3	96.9	98.1	98.4	99.0	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY
 CRAFTAC
 AIR WEATHER SERVI C

CEILING VERSUS VISIBILITY

14023 LORING AFB ME

70-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 MONTHS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.3	≥.25	≥.2	≥.15	≥.1	≥0
NO CEILING	38.5	39.2	39.3	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.8
≥ 20000	37.4	41.9	42.7	42.6	42.2	42.3	42.3	42.3	42.7	42.3	42.7	42.3	42.3	42.3	42.3	42.4
≥ 18000	37.8	42.3	42.4	42.4	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9
≥ 16000	37.9	42.5	42.5	42.6	42.8	42.9	42.9	42.9	43.7	43.3	43.7	43.3	43.3	43.3	43.3	43.1
≥ 14000	31.3	43.1	43.2	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6
≥ 12000	31.9	43.9	44.1	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4
≥ 10000	33.7	46.2	46.3	46.3	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
≥ 9000	34.1	45.7	46.0	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
≥ 8000	36.2	49.3	49.5	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.0
≥ 7000	37.8	51.6	52.0	52.0	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5
≥ 6000	38.9	53.4	53.6	53.7	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 5000	40.9	56.1	56.4	56.4	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1
≥ 4500	41.7	57.4	57.7	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 4000	44.2	57.9	61.2	61.3	61.7	61.8	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.1
≥ 3500	45.8	63.1	63.3	63.4	63.8	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3
≥ 3000	49.1	67.4	67.8	68.1	68.6	68.8	68.9	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.3
≥ 2500	51.5	71.3	71.9	72.2	73.0	73.3	73.5	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9
≥ 2000	53.5	74.7	75.5	75.8	76.8	77.2	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0
≥ 1800	53.8	75.3	76.1	76.4	77.5	77.9	78.1	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.7
≥ 1500	54.7	77.4	78.3	78.6	80.1	80.6	81.0	81.3	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.8
≥ 1200	55.2	79.1	80.2	80.6	82.3	82.5	83.3	83.8	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.4
≥ 1000	55.5	80.7	81.4	82.1	84.0	84.5	85.1	85.8	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.6
≥ 900	55.8	80.5	82.7	82.8	84.8	85.5	86.1	86.2	87.1	87.3	87.5	87.6	87.6	87.7	87.7	87.8
≥ 800	56.7	81.1	82.7	83.8	86.0	86.8	87.5	88.4	88.8	89.1	89.4	89.4	89.5	89.5	89.5	89.6
≥ 700	56.1	81.8	83.3	84.4	86.7	87.7	88.4	89.4	89.8	90.2	90.7	90.8	90.8	90.8	90.8	90.9
≥ 600	56.1	81.9	83.7	84.9	87.5	88.6	89.5	90.7	91.3	91.8	92.3	92.5	92.5	92.5	92.6	92.7
≥ 500	56.1	82.5	84.3	85.7	88.6	89.8	90.8	92.3	92.9	93.5	94.2	94.4	94.5	94.6	94.6	94.7
≥ 400	56.2	82.3	84.8	86.4	89.4	90.7	91.9	93.5	94.3	94.9	95.7	95.9	96.1	96.1	96.2	96.3
≥ 300	56.2	82.8	85.0	86.6	89.8	91.2	92.4	94.4	95.3	96.2	97.1	97.5	97.7	97.8	97.8	98.0
≥ 200	56.2	82.8	85.0	86.6	89.8	91.4	92.7	94.8	95.8	96.7	97.7	98.2	98.6	98.8	98.8	99.1
≥ 100	56.2	82.8	85.0	86.6	89.8	91.4	92.7	94.9	95.9	96.8	97.9	98.3	98.9	99.1	99.3	99.8
≥ 0	56.2	82.8	85.0	86.6	89.8	91.4	92.7	94.9	95.9	96.8	97.9	98.3	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

CL AL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1-23
STATION

LOSING AFB ME

STATION NAME

7-79

YEARS

4AY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0600
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	25.3	45.3	45.1	45.1	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	21.3	49.4	49.6	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	21.6	49.5	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 16000	21.6	49.5	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 14000	21.7	51.1	51.2	51.2	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
≥ 12000	22.2	52.3	52.1	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
≥ 10000	23.0	55.3	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8
≥ 9000	23.5	56.3	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
≥ 8000	25.7	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.9
≥ 7000	25.7	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 6000	26.3	64.1	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
≥ 5000	26.7	65.6	66.1	66.1	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 4500	27.3	67.3	68.1	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 4000	28.3	71.4	71.4	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 3500	29.0	72.3	72.3	72.5	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 3000	30.6	75.5	76.1	76.1	76.2	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 2500	31.0	76.7	77.4	77.4	77.6	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0
≥ 2000	31.3	78.3	78.3	78.9	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 1800	31.3	78.4	79.2	79.4	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 1500	31.3	79.8	80.5	80.9	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 1200	31.4	81.5	82.6	82.7	82.9	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 1000	31.4	82.6	84.3	84.4	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 900	31.4	83.8	85.4	85.5	85.8	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 800	31.4	84.3	87.1	87.2	87.5	87.5	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 700	31.4	85.9	88.9	89.2	89.6	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 600	31.6	86.5	89.5	89.8	90.1	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9
≥ 500	31.6	87.4	90.6	91.0	91.6	91.6	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 400	31.7	88.2	91.9	92.4	93.3	93.5	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6
≥ 300	31.7	89.4	92.2	93.0	94.6	95.1	95.2	95.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0
≥ 200	31.7	88.4	92.2	93.3	95.2	95.7	96.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.1
≥ 100	31.7	88.4	92.2	93.3	95.2	95.8	96.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.9
≥ 0	31.7	88.4	92.2	93.3	95.2	95.8	96.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1423 LOSING AFB ME

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

J300-0506

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15
NO CEILING	29.1	39.8	39.8	47.1	43.4	47.5	47.6	43.8	40.8	40.8	40.9	41.0	41.0	41.1	41.1	41.7
≥ 7000	31.9	44.1	44.1	44.4	44.8	44.9	45.1	45.2	45.2	45.2	45.3	45.4	45.4	45.4	45.5	45.7
≥ 6000	32.2	44.7	44.7	45.1	45.5	45.6	45.7	45.8	45.8	45.8	45.9	46.0	46.0	46.0	46.1	46.3
≥ 5000	32.3	44.9	44.9	45.3	45.7	45.8	45.9	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.3	46.6
≥ 4000	32.7	45.5	45.5	45.9	46.3	46.5	46.6	46.7	46.7	46.7	46.8	46.9	46.9	46.9	47.0	47.2
≥ 3000	33.5	46.8	46.8	47.2	47.6	47.7	47.8	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.5
≥ 2000	34.3	48.7	48.7	49.1	49.6	49.7	49.8	49.9	49.9	49.9	50.0	50.1	50.1	50.1	50.2	50.4
≥ 1000	35.5	49.7	49.7	50.1	50.6	50.6	50.8	50.9	50.9	50.9	51.0	51.1	51.1	51.1	51.2	51.4
≥ 900	37.8	53.2	53.2	53.8	54.2	54.3	54.4	54.5	54.5	54.5	54.6	54.7	54.7	54.7	54.8	55.1
≥ 800	38.8	54.3	54.3	55.5	55.9	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.5	56.8
≥ 700	39.9	56.8	56.8	57.3	57.7	57.8	58.0	58.1	58.1	58.1	58.2	58.3	58.3	58.3	58.4	58.7
≥ 600	41.2	59.4	59.4	59.9	60.3	60.4	60.5	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.1	61.5
≥ 500	41.3	60.6	61.7	61.5	61.9	62.0	62.2	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.7	63.1
≥ 400	43.3	63.7	64.2	64.8	65.3	65.4	65.5	65.7	65.7	65.7	65.8	65.9	65.9	65.9	66.0	66.5
≥ 350	44.3	65.2	65.7	66.5	66.9	67.1	67.1	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.6	68.1
≥ 300	45.1	66.1	66.7	67.3	67.8	68.0	68.1	68.2	68.2	68.2	68.3	68.4	68.4	68.4	68.5	69.0
≥ 2500	47.4	70.1	71.0	71.5	72.5	72.6	72.7	73.0	73.0	73.0	73.1	73.2	73.3	73.3	73.4	73.9
≥ 2000	47.4	71.4	72.3	73.1	73.9	74.1	74.3	74.6	74.6	74.6	74.7	74.8	74.9	74.9	75.1	75.5
≥ 1800	47.5	71.6	72.5	73.3	74.1	74.3	74.5	74.8	74.8	74.8	74.9	75.1	75.2	75.2	75.3	75.7
≥ 1500	48.9	73.7	74.7	75.6	76.7	76.9	77.1	77.5	77.5	77.5	77.6	77.7	77.8	77.8	78.0	78.4
≥ 1200	49.4	74.9	76.3	77.2	78.4	78.6	78.8	79.4	79.4	79.4	79.5	79.7	79.8	79.8	79.9	80.3
≥ 1000	49.5	75.9	77.6	78.6	79.9	80.1	80.3	80.9	80.9	81.3	81.4	81.5	81.5	81.5	81.6	82.0
≥ 900	49.6	76.9	78.5	79.7	81.1	81.4	81.6	82.2	82.2	82.6	82.7	82.8	82.8	82.8	82.9	83.3
≥ 800	49.6	77.8	79.5	81.2	82.7	83.2	83.2	83.8	83.8	84.2	84.3	84.4	84.4	84.4	84.5	84.9
≥ 700	49.7	78.5	81.2	82.6	84.3	84.6	84.9	85.5	85.5	85.9	86.0	86.1	86.1	86.1	86.2	86.7
≥ 600	50.1	79.6	82.9	84.3	86.1	86.6	86.9	87.4	87.4	87.8	88.0	88.1	88.1	88.1	88.2	88.6
≥ 500	50.1	80.3	84.4	85.8	88.2	88.6	89.2	89.9	89.9	90.3	90.4	90.5	90.6	90.6	90.8	91.2
≥ 400	50.2	81.6	85.5	86.9	90.0	90.5	91.5	92.2	92.3	92.7	93.0	93.1	93.2	93.2	93.3	94.0
≥ 300	50.2	82.1	86.3	87.4	91.3	91.8	93.0	93.7	94.0	94.7	95.2	95.3	95.5	95.5	95.6	96.3
≥ 200	50.2	82.1	86.3	87.7	91.3	92.2	93.8	94.8	95.5	96.3	97.2	97.4	97.8	98.0	98.4	99.2
≥ 100	50.2	82.1	86.3	87.7	91.3	92.2	93.8	94.8	95.5	96.3	97.2	97.4	97.8	98.1	98.5	99.2
≥ 0	50.2	82.1	86.3	87.7	91.3	92.2	93.8	94.8	95.5	96.3	97.2	97.4	97.8	98.1	98.5	99.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFB WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

14-23 LUPING AFB ME

70-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-7500
SUN 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	35.7	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 25000	36.8	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 18000	39.3	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 16000	41.1	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	41.4	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 12000	41.1	43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 10000	42.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 9000	43.3	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 8000	47.3	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000	49.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 6000	51.1	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 5000	52.3	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4500	53.1	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4000	54.9	61.7	61.9	62.1	62.3	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.7	62.7	62.7
≥ 3500	55.9	62.6	63.7	63.7	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.4
≥ 3000	58.3	65.1	67.2	67.4	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.4	68.4	68.4
≥ 2500	59.3	68.0	69.6	69.6	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6
≥ 2000	61.4	69.7	71.2	71.4	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6
≥ 1800	61.7	70.0	71.5	71.7	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9
≥ 1500	63.7	72.0	73.7	74.1	74.6	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	75.2	75.2	75.2
≥ 1200	64.7	73.4	75.1	75.4	76.2	76.5	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.9	76.9	76.9
≥ 1000	65.3	75.5	77.6	78.0	78.9	79.2	79.5	79.5	79.7	79.8	79.9	79.9	79.9	80.1	80.1	80.1
≥ 900	66.3	76.5	78.3	78.7	79.7	80.1	80.3	80.3	80.5	80.6	80.9	80.9	80.9	81.1	81.1	81.1
≥ 800	67.7	77.8	80.1	80.5	81.5	82.0	82.3	82.3	82.5	82.6	82.8	82.8	82.8	83.1	83.1	83.1
≥ 700	67.3	79.5	81.3	82.3	83.5	84.0	84.5	84.5	84.7	84.8	85.2	85.2	85.2	85.4	85.4	85.4
≥ 600	68.8	81.0	83.7	84.3	85.9	86.7	87.1	87.3	87.5	87.6	88.1	88.1	88.1	88.3	88.3	88.3
≥ 500	69.1	81.9	84.6	85.4	87.5	88.6	89.2	89.6	89.9	90.1	90.5	90.5	90.5	90.8	90.8	90.8
≥ 400	69.6	83.5	86.2	87.0	89.9	91.2	92.4	92.7	93.1	93.3	93.8	93.8	93.8	94.0	94.0	94.0
≥ 300	69.6	84.1	87.1	88.1	91.9	93.7	95.5	95.9	96.5	96.7	97.1	97.1	97.1	97.3	97.3	97.3
≥ 200	69.6	84.2	87.3	88.2	92.3	94.7	95.9	96.6	97.1	97.7	98.3	98.4	98.4	98.7	98.9	98.9
≥ 100	69.6	84.2	87.3	88.2	92.3	94.0	95.9	96.6	97.1	97.7	98.4	98.5	98.5	98.9	99.2	99.5
≥ 0	69.6	84.2	87.3	88.2	92.3	94.0	95.9	96.6	97.1	97.7	98.4	98.5	98.5	98.9	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 LORING AFB ME

73-76

MA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	34.1	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 18000	37.7	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 16000	38.7	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 14000	39.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 12000	39.4	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 10000	40.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000	41.5	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 8000	44.7	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 7000	45.7	47.6	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 6000	47.3	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 5000	48.7	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 4500	48.9	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 4000	52.5	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 3500	54.5	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 3000	58.9	63.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2500	62.2	67.3	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 2000	64.9	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1800	65.5	71.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 1500	68.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1200	69.6	77.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1000	72.2	81.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 900	73.1	83.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 800	74.2	85.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 700	74.4	86.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 600	74.4	87.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500	75.4	89.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 400	75.6	89.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 300	75.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 200	75.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 100	75.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 0	75.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL METEOROLOGICAL SERVICE
USAF ETAC
AFM WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

1 23 LORING AFB ME

7-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1222-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	33.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	37.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 18000	37.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 16000	38.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 14000	39.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 12000	40.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 10000	42.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 9000	43.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 8000	45.9	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 7000	46.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 6000	47.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 5000	49.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4500	50.1	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4000	54.9	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 3500	60.3	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 3000	64.9	69.1	69.1	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 2500	68.7	73.4	73.4	73.4	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	73.3	78.5	78.5	78.5	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	73.3	79.2	79.2	79.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1600	75.9	82.2	82.2	82.2	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1400	76.7	83.5	83.5	83.5	85.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	78.1	86.7	86.7	86.7	88.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	78.1	86.7	86.7	86.7	88.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	78.1	86.7	86.7	86.7	88.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	79.4	88.1	88.1	88.1	91.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	79.4	88.1	88.1	88.1	91.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	79.4	88.1	88.1	88.1	91.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	80.1	90.3	90.3	90.3	93.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	80.1	90.3	90.3	90.3	93.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	80.1	90.3	90.3	90.3	93.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	80.1	90.3	90.3	90.3	93.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	80.1	90.3	90.3	90.3	93.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 0	80.1	90.3	90.3	90.3	93.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1-623 LORING AFB ME

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-1770

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥20000	40.5	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥18000	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥16000	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥14000	42.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥12000	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥10000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥9000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥8000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥7000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥6000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥5000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥4500	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥4000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥3500	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥3000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥2500	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥2000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥1800	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥1600	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥1400	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥1200	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥1000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥900	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥800	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥700	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥600	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥500	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥400	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥300	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥200	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥100	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥0	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9

TOTAL NUMBER OF OBSERVATIONS 935

CLIMATE CLIMATOLOGY BRANCH
 14-23
 14-23

CEILING VERSUS VISIBILITY

14-23

14-23

14-23

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14-23

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	34.9	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	38.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	39.1	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 16000	39.6	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	40.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 12000	40.4	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	40.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 9000	41.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 8000	41.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 7000	41.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000	42.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 5000	42.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 4500	42.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 4000	42.9	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 3500	43.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 3000	43.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 2500	43.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 2000	44.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1800	44.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 1600	44.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 1400	45.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 1200	45.3	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 1000	45.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 900	45.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 800	46.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 700	46.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 600	46.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 500	47.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 400	47.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 300	47.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 200	48.0	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 100	48.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 0	48.6	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	23.8	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	24.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	24.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	24.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000	24.7	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	24.8	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	26.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	26.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	27.1	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 7000	28.3	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 6000	28.8	63.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	29.6	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	29.7	68.6	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4000	30.9	72.8	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	31.6	75.1	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	32.5	77.2	77.5	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	32.7	78.7	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	33.1	80.9	81.4	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1800	33.2	81.1	81.8	82.5	82.6	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	33.5	83.1	84.1	84.8	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	33.7	84.1	85.3	86.0	86.7	86.9	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	33.8	85.7	86.9	87.6	88.3	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	33.9	86.7	87.8	88.6	89.5	89.7	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	34.0	87.6	89.1	89.9	90.9	91.1	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	34.0	88.5	90.2	91.0	92.0	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	34.4	89.6	91.4	92.3	93.5	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	34.5	89.7	91.7	92.7	94.7	94.9	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	34.6	89.8	92.0	93.1	95.4	95.6	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.7
≥ 300	34.6	90.4	92.7	93.9	96.2	96.8	97.3	97.6	98.0	98.2	98.5	98.5	98.5	98.5	98.6	98.7
≥ 200	34.6	90.4	92.7	94.1	96.5	97.2	98.0	98.3	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.8
≥ 100	34.6	90.4	92.7	94.1	96.5	97.2	98.0	98.3	98.7	98.9	99.4	99.6	99.6	99.7	99.8	100.0
0	34.6	90.4	92.7	94.1	96.5	97.2	98.0	98.3	98.7	98.9	99.4	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523
STATION

LORING AFB ME
STATION NAME

71-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11-5

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	30.7	39.8	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥20000	33.7	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥18000	34.2	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥16000	34.6	44.6	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥14000	35.0	45.3	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7
≥12000	35.6	46.3	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7
≥10000	37.2	48.5	48.6	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9
≥9000	37.7	49.2	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7
≥8000	40.3	52.9	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
≥7000	41.5	54.8	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
≥6000	42.5	56.3	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9
≥5000	44.2	59.2	59.4	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.9
≥4500	44.9	60.3	60.6	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0
≥4000	48.1	64.7	65.2	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8
≥3500	50.0	67.4	67.8	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5
≥3000	52.7	71.1	71.7	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5
≥2500	54.6	73.8	74.6	74.8	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6
≥2000	56.2	76.4	77.3	77.6	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥1800	56.4	76.8	77.8	78.1	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1
≥1500	57.9	79.2	80.3	80.7	81.3	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9
≥1200	58.7	80.9	82.2	82.6	83.4	83.7	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥1000	59.5	82.8	84.3	84.9	86.0	86.3	86.5	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥900	59.7	83.7	85.3	85.9	87.1	87.5	87.7	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2
≥800	60.1	84.8	86.6	87.3	88.6	89.1	89.4	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.9
≥700	60.3	85.6	87.7	88.5	90.0	90.6	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.5
≥600	60.7	86.4	88.8	89.7	91.5	92.1	92.5	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.1
≥500	60.9	87.2	89.8	90.7	92.9	93.6	94.1	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥400	61.0	87.7	90.5	91.4	94.0	94.9	95.6	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.5	96.6
≥300	61.0	88.0	90.8	91.9	94.8	95.9	96.9	97.4	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.4
≥200	61.0	88.0	90.9	92.1	95.1	96.3	97.4	98.1	98.4	98.7	99.0	99.1	99.1	99.2	99.2	99.4
≥100	61.0	88.0	90.9	92.1	95.1	96.3	97.4	98.1	98.5	98.8	99.1	99.2	99.4	99.5	99.6	99.8
≥0	61.0	88.0	90.9	92.1	95.1	96.3	97.4	98.1	98.5	98.8	99.1	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14423
STATION

LORING AFB ME
STATION NAME

73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5000-0200
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	15.3	48.2	49.3	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.4	49.9
≥ 20000	16.8	50.0	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.7
≥ 18000	16.9	50.3	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.6	51.6	51.7	52.0
≥ 16000	16.9	50.4	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.8	52.1
≥ 14000	17.3	51.1	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.4	52.6
≥ 12000	17.4	52.8	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.1	54.1	54.4
≥ 10000	17.9	56.1	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.4	57.8
≥ 9000	17.9	56.7	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9	58.0	58.3
≥ 8000	18.2	58.2	59.3	59.2	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.3
≥ 7000	19.3	60.7	61.4	61.7	61.9	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.4	62.8
≥ 6000	19.3	63.1	63.9	64.1	64.3	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.3
≥ 5000	19.3	65.7	65.8	66.3	66.8	66.8	67.0	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.4	67.8
≥ 4500	19.9	65.9	66.7	67.2	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.3	68.7
≥ 4000	20.2	67.6	68.3	68.9	69.3	69.3	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.4
≥ 3500	20.3	68.1	68.9	69.4	69.9	69.9	70.2	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.7	71.0
≥ 3000	21.8	71.4	72.4	73.1	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.6	74.9
≥ 2500	22.2	72.6	73.7	74.3	75.0	75.1	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	76.2
≥ 2000	22.9	74.6	76.1	76.9	77.7	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.6	78.9
≥ 1800	23.1	75.1	76.0	77.6	78.4	78.6	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.8
≥ 1500	24.1	78.7	79.6	80.7	81.7	81.9	82.3	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.8	83.1
≥ 1200	24.3	80.4	82.3	83.2	84.3	84.7	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.6	85.9
≥ 1000	24.7	81.9	83.9	84.8	86.2	86.7	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.6	87.9
≥ 900	25.2	83.2	85.2	86.1	87.6	88.0	88.4	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.9	89.2
≥ 800	25.2	83.7	86.2	87.1	88.6	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	90.2
≥ 700	25.2	85.7	88.4	89.3	90.9	91.3	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.2	92.6
≥ 600	25.2	86.3	89.4	90.6	92.2	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.6	93.9
≥ 500	25.2	86.8	90.3	91.6	93.6	94.3	94.9	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.4	95.8
≥ 400	25.2	87.0	91.0	92.3	94.6	95.3	96.0	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.9	97.2
≥ 300	25.2	87.0	91.0	92.4	94.7	95.4	96.3	96.7	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.8
≥ 200	25.2	87.1	91.1	92.7	94.9	95.7	96.6	97.2	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.6
≥ 100	25.2	87.1	91.1	92.7	94.9	95.7	96.7	97.3	98.1	98.4	98.4	98.4	98.6	98.7	99.0	99.4
≥ 0	25.2	87.1	91.1	92.7	94.9	95.7	96.7	97.3	98.1	98.6	98.6	98.6	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-023
STATION

LOPING AFB ME
STATION NAME

70-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	25.7	42.4	40.8	41.0	42.1	42.2	42.3	42.4	42.5	42.9	42.9	42.9	43.0	43.0	43.2	43.3
≥ 20000	27.0	42.4	42.8	43.3	44.3	44.4	44.6	44.7	44.8	45.1	45.2	45.2	45.2	45.2	45.4	45.6
≥ 18000	27.0	42.6	42.9	43.1	44.4	44.6	44.7	44.8	44.9	45.2	45.2	45.2	45.3	45.3	45.6	45.7
≥ 16000	27.1	42.7	43.7	43.2	44.6	44.7	44.8	44.9	45.2	45.3	45.3	45.3	45.4	45.5	45.7	45.9
≥ 14000	27.2	42.9	43.2	43.4	44.6	44.9	45.0	45.1	45.2	45.6	45.6	45.6	45.7	45.7	45.9	46.0
≥ 12000	28.2	44.3	44.7	44.9	46.3	46.4	46.6	46.7	46.8	47.1	47.1	47.1	47.2	47.2	47.3	47.6
≥ 10000	30.4	47.3	47.8	48.1	49.9	50.0	50.1	50.3	50.4	50.9	50.9	50.9	51.0	51.0	51.3	51.4
≥ 9000	31.1	48.1	48.6	48.9	50.7	50.8	50.9	51.1	51.2	51.7	51.7	51.7	51.8	51.8	52.1	52.2
≥ 8000	32.9	50.7	51.3	51.8	53.7	53.8	53.9	54.2	54.3	54.8	54.8	54.8	54.9	54.9	55.2	55.6
≥ 7000	34.3	53.3	54.0	54.4	56.4	56.6	56.7	57.0	57.1	57.6	57.6	57.6	57.7	57.7	58.0	58.3
≥ 6000	35.0	54.2	54.9	55.3	57.3	57.4	57.6	57.9	58.0	58.4	58.4	58.4	58.6	58.6	58.9	59.2
≥ 5000	36.3	57.4	58.8	59.2	61.6	61.7	61.9	62.2	62.3	62.7	62.7	62.8	62.9	62.9	63.2	63.5
≥ 4500	37.3	58.7	60.0	60.4	62.8	62.9	63.1	63.4	63.6	64.0	64.0	64.0	64.1	64.1	64.4	64.8
≥ 4000	38.9	61.4	62.8	63.2	65.7	65.8	66.2	66.7	66.8	67.2	67.2	67.3	67.3	67.3	67.7	68.0
≥ 3500	39.7	62.3	63.8	64.3	66.8	66.9	67.3	67.8	67.9	68.4	68.4	68.4	68.5	68.6	68.9	69.2
≥ 3000	41.0	64.3	65.9	66.6	69.1	69.2	69.7	70.2	70.3	70.9	70.9	70.9	71.0	71.0	71.3	71.7
≥ 2500	41.7	65.9	67.6	68.2	70.9	71.0	71.4	72.0	72.1	72.7	72.7	72.7	72.8	72.8	73.1	73.4
≥ 2000	42.7	67.1	69.0	69.7	72.3	72.4	73.1	73.7	73.8	74.3	74.3	74.3	74.4	74.4	74.8	75.1
≥ 1800	42.9	67.6	69.4	70.1	72.8	72.9	73.6	74.1	74.2	74.8	74.8	74.8	74.9	74.9	75.2	75.6
≥ 1500	43.6	70.3	72.3	73.4	76.3	76.4	77.1	77.7	77.8	78.3	78.3	78.3	78.4	78.4	78.8	79.1
≥ 1200	44.2	71.6	73.8	75.0	77.9	78.1	78.8	79.3	79.4	80.0	80.0	80.0	80.1	80.1	80.4	80.8
≥ 1000	44.6	73.6	76.0	77.2	80.3	80.7	81.3	82.0	82.1	82.7	82.7	82.7	82.8	82.8	83.1	83.4
≥ 900	45.3	74.7	77.1	78.3	81.4	81.8	82.4	83.1	83.2	83.8	83.8	83.8	83.9	83.9	84.2	84.6
≥ 800	45.8	76.4	79.1	80.3	84.0	84.4	85.1	85.8	85.9	86.4	86.4	86.4	86.6	86.6	86.9	87.2
≥ 700	45.9	77.4	80.4	81.7	85.3	85.3	86.4	87.1	87.2	87.8	87.8	87.8	87.9	87.9	88.2	88.6
≥ 600	45.9	77.8	81.0	82.2	86.2	86.7	87.3	88.1	88.2	88.8	88.8	88.8	88.9	88.9	89.2	89.6
≥ 500	45.9	78.9	82.7	83.9	88.9	89.3	90.0	91.0	91.1	91.8	91.8	91.8	92.1	92.1	92.4	92.8
≥ 400	45.9	79.3	83.4	84.9	90.4	91.4	92.3	93.3	93.4	94.2	94.2	94.2	94.6	94.6	94.9	95.2
≥ 300	45.9	79.4	84.1	85.7	91.3	92.3	93.6	94.6	94.7	95.6	95.6	95.6	96.0	96.0	96.4	96.8
≥ 200	45.9	79.4	84.1	85.7	91.4	92.4	93.8	95.2	95.3	96.3	96.7	96.8	97.2	97.3	97.8	98.3
≥ 100	45.9	79.4	84.1	85.7	91.4	92.4	93.8	95.2	95.4	96.4	96.8	97.0	97.6	97.9	98.6	99.6
≥ 0	45.9	79.4	84.1	85.7	91.4	92.4	93.8	95.2	95.4	96.4	96.8	97.0	97.6	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	33.1	39.0	39.6	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 20000	35.9	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000	36.0	42.3	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 16000	36.3	42.3	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 14000	36.6	43.1	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000	38.4	45.1	46.2	46.2	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 10000	41.6	48.6	49.9	49.9	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	41.9	49.3	50.4	50.4	50.7	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 8000	44.1	52.3	53.6	53.7	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4
≥ 7000	46.3	55.3	56.2	56.3	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
≥ 6000	47.3	56.2	57.5	57.7	58.2	58.2	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7
≥ 5000	48.7	58.2	59.6	59.7	60.4	60.4	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 4500	49.3	59.3	60.7	60.8	61.6	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
≥ 4000	50.6	60.7	62.1	62.2	63.0	63.3	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥ 3500	51.1	61.6	63.0	63.1	63.9	64.3	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1
≥ 3000	53.3	64.6	66.4	66.7	67.4	67.9	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
≥ 2500	54.2	65.4	67.3	67.6	68.3	68.8	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
≥ 2000	55.9	67.4	69.6	69.9	70.7	71.1	71.4	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
≥ 1800	56.2	67.8	69.9	70.2	71.0	71.4	71.8	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 1500	56.1	70.3	72.6	73.0	73.8	74.2	74.6	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 1200	58.9	71.8	74.6	74.6	75.3	75.9	76.2	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 1000	59.1	73.7	76.3	77.2	78.3	79.1	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 900	60.7	74.4	77.1	78.0	79.1	79.9	80.3	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 800	62.2	77.0	80.3	81.3	82.7	83.4	83.9	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0	85.0
≥ 700	63.1	79.2	83.1	84.2	85.7	86.4	86.9	87.7	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0
≥ 600	63.4	80.9	85.0	86.1	87.9	88.9	89.7	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8
≥ 500	64.2	82.9	87.4	88.6	91.2	92.7	93.6	94.3	94.4	94.4	94.7	94.7	94.7	94.7	94.8	94.8
≥ 400	64.3	83.3	88.0	89.4	92.8	94.7	95.7	96.4	96.6	96.6	96.6	96.6	96.6	96.9	97.0	97.0
≥ 300	64.3	83.3	88.1	90.1	94.0	95.9	97.1	98.0	98.1	98.1	98.3	98.3	98.4	98.4	98.6	98.7
≥ 200	64.3	83.4	88.2	90.2	94.2	96.6	97.8	98.7	98.8	98.8	99.0	99.0	99.1	99.1	99.2	99.3
≥ 100	64.3	83.4	88.2	90.2	94.2	96.6	97.8	98.7	98.8	98.8	98.9	99.2	99.2	99.4	99.6	99.8
≥ 100 C	64.3	83.4	88.2	90.2	94.2	96.6	97.8	98.7	98.8	98.8	98.9	99.2	99.2	99.4	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-1100
HOURS UTC

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	36.9	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	37.5	42.2	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	37.2	42.4	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 16000	37.3	42.6	43.7	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 14000	37.9	43.3	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000	38.9	45.0	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000	41.8	48.3	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 9000	42.6	49.4	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 8000	44.3	51.6	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 7000	45.9	53.1	53.6	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 6000	46.9	54.2	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 5000	48.1	55.7	56.3	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4500	48.3	56.0	56.7	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 4000	50.7	58.4	59.4	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3500	52.4	60.6	61.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 3000	57.1	65.7	66.7	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 2500	59.3	69.0	71.2	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2000	64.2	73.9	75.3	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1800	64.6	74.3	75.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1500	67.6	78.1	79.9	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1200	69.4	81.3	83.2	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1000	71.0	83.6	85.8	86.7	87.2	87.2	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	71.9	84.8	87.3	88.2	88.9	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	73.1	87.1	90.1	91.2	92.1	92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	73.4	88.0	91.4	92.7	93.6	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	73.9	89.2	93.2	94.4	95.3	96.0	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	74.2	90.0	94.0	95.4	97.1	97.6	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	74.2	90.0	94.1	95.9	98.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	74.2	90.0	94.1	96.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	74.2	90.0	94.1	96.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	74.2	90.0	94.1	96.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	74.2	90.0	94.1	96.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

7C-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
LOCAL TIME

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	31.1	34.6	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000	37.1	40.9	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000	37.3	41.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000	37.7	41.4	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000	38.2	42.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 12000	39.8	43.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 10000	41.3	45.3	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 9000	41.3	45.7	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 8000	43.5	46.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6
≥ 7000	45.3	50.2	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7
≥ 6000	45.1	51.1	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
≥ 5000	49.4	54.6	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4500	49.7	54.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
≥ 4000	52.1	57.7	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6
≥ 3500	55.9	62.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3000	62.1	70.1	72.1	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2500	66.8	75.4	77.5	78.3	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	69.7	79.2	81.3	82.1	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	69.7	79.2	81.3	82.1	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1500	72.6	82.3	84.4	85.3	86.3	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	74.3	84.8	87.1	88.1	89.4	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	74.8	86.0	88.8	89.9	91.3	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	75.1	86.7	89.4	90.6	92.0	92.3	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	76.1	87.7	90.8	92.0	93.7	94.1	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	76.7	88.4	91.7	92.9	94.6	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	76.7	89.0	92.2	93.7	95.4	95.9	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	76.9	89.4	92.9	94.3	96.6	97.1	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	76.9	89.4	93.0	94.4	96.9	97.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	76.9	89.4	93.0	94.4	97.1	98.0	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.9	89.4	93.0	94.4	97.1	98.0	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.9	89.4	93.0	94.4	97.1	98.0	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.9	89.4	93.0	94.4	97.1	98.0	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923 LORING AFB ME

70-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥1/2	≥0
NO CEILING	32.2	36.2	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥20000	38.8	44.3	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥18000	40.8	45.9	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥16000	42.7	46.2	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥14000	41.7	47.3	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥12000	43.1	49.0	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥10000	45.2	51.2	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥9000	45.9	51.9	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥8000	50.4	57.3	58.2	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥7000	51.7	59.2	59.9	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥6000	53.3	61.1	62.1	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥5000	56.2	64.2	65.3	65.7	65.7	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0
≥4500	55.9	64.9	65.8	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7
≥4000	59.8	68.1	69.7	69.7	69.7	69.7	69.7	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2
≥3500	63.3	72.3	73.4	74.1	74.1	74.2	74.3	74.4	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7
≥3000	67.3	78.0	79.2	79.9	80.0	80.1	80.2	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥2500	69.0	80.4	82.1	83.2	83.6	83.7	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥2000	70.7	82.3	84.1	85.2	85.7	85.8	85.9	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥1800	71.0	82.3	84.6	85.7	86.1	86.2	86.3	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥1500	71.7	83.9	85.7	86.9	87.7	87.9	88.1	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥1200	72.6	85.4	87.3	88.6	89.7	89.9	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥1000	73.0	86.2	88.2	89.6	90.8	91.0	91.3	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥900	73.2	86.7	88.7	90.0	91.7	91.9	92.2	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥800	74.0	88.1	90.6	91.9	93.8	94.1	94.4	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥700	74.4	89.3	92.1	93.4	95.6	95.9	96.2	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥600	74.6	89.6	92.4	93.9	96.1	96.6	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥500	74.7	89.9	92.5	94.6	97.2	97.8	98.1	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥400	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥300	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥200	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523

LORING AFB ME

73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	33.4	40.9	41.1	41.3	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥20000	37.7	47.4	47.9	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥18000	38.3	48.6	49.2	49.7	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥16000	38.8	49.0	49.4	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥14000	40.3	50.6	51.0	51.4	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥12000	41.6	53.0	53.4	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥10000	43.4	55.4	55.9	56.3	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥9000	43.7	56.2	56.7	57.2	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥8000	48.1	62.0	62.8	63.3	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥7000	49.7	64.1	64.9	65.4	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥6000	51.4	65.7	66.4	67.0	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥5000	53.1	68.9	69.8	70.3	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥4500	53.8	69.8	70.7	71.2	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥4000	56.2	73.6	74.6	75.1	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥3500	56.7	74.3	75.9	76.6	77.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥3000	58.1	79.7	81.0	81.8	83.2	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥2500	61.2	81.4	83.1	83.9	85.6	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥2000	61.9	82.4	84.1	84.9	86.9	87.4	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥1800	62.0	82.6	84.3	85.1	87.1	87.7	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥1500	62.9	83.7	85.7	86.4	88.4	89.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥1200	63.3	84.4	86.6	87.3	89.3	89.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥1000	63.4	85.6	87.7	88.6	90.9	91.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥900	63.4	86.1	88.2	89.2	91.6	92.1	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥800	63.6	86.7	89.1	90.3	92.7	93.2	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥700	63.8	87.3	89.9	91.3	93.8	94.4	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥600	64.1	87.8	90.4	91.9	94.3	95.0	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥500	64.2	88.2	91.0	92.6	95.3	96.0	97.2	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥400	64.2	88.6	91.4	93.2	96.3	97.0	98.2	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥300	64.2	88.6	91.4	93.2	96.3	97.0	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥200	64.2	88.6	91.4	93.2	96.3	97.0	98.4	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥100	64.2	88.6	91.4	93.2	96.3	97.0	98.4	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥0	64.2	88.6	91.4	93.2	96.3	97.0	98.4	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

70-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300
HOURS

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	19.1	48.1	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	19.7	51.3	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	20.0	52.2	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	20.0	52.3	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	20.2	53.3	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	55.0	55.1	55.1	55.1
≥ 12000	20.4	54.4	55.6	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.2	56.2	56.2
≥ 10000	20.9	56.7	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.6	58.6	58.6
≥ 9000	20.9	58.0	59.1	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.9	59.9	59.9
≥ 8000	21.4	61.9	63.0	63.3	63.6	63.8	63.9	63.9	63.9	64.0	64.1	64.1	64.2	64.3	64.3	64.3
≥ 7000	21.8	63.8	65.0	65.3	65.8	65.8	65.9	65.9	65.9	66.0	66.1	66.1	66.2	66.3	66.3	66.3
≥ 6000	22.7	65.4	66.8	67.1	67.6	67.6	67.7	67.7	67.7	67.8	67.9	67.9	68.0	68.1	68.1	68.1
≥ 5000	24.2	69.1	70.4	70.8	71.2	71.2	71.4	71.4	71.4	71.5	71.7	71.7	71.8	71.9	71.9	71.9
≥ 4500	24.9	69.9	71.2	71.6	72.0	72.0	72.3	72.3	72.3	72.4	72.6	72.6	72.7	72.8	72.8	72.8
≥ 4000	26.0	73.6	75.2	75.6	76.0	76.0	76.3	76.3	76.3	76.4	76.6	76.6	76.7	76.8	76.8	76.8
≥ 3500	26.1	73.8	75.6	75.9	76.4	76.6	76.9	76.9	76.9	77.0	77.1	77.1	77.2	77.3	77.3	77.3
≥ 3000	27.6	76.7	78.8	79.1	80.0	80.0	80.6	80.6	80.6	80.7	80.8	80.8	80.9	81.0	81.0	81.0
≥ 2500	28.0	78.0	80.4	80.9	81.9	82.0	82.4	82.4	82.4	82.6	82.7	82.7	82.8	82.9	82.9	82.9
≥ 2000	28.6	79.7	82.2	82.7	83.8	83.9	84.3	84.3	84.3	84.4	84.6	84.6	84.7	84.8	84.8	84.8
≥ 1800	28.6	80.1	82.7	83.1	84.2	84.3	84.8	84.8	84.8	84.9	85.0	85.0	85.1	85.2	85.2	85.2
≥ 1500	28.7	81.6	84.6	85.0	86.2	86.4	86.9	86.9	86.9	87.0	87.1	87.1	87.2	87.3	87.3	87.3
≥ 1200	28.9	83.2	86.3	87.1	88.3	88.6	89.0	89.2	89.2	89.3	89.4	89.4	89.6	89.7	89.7	89.7
≥ 1000	28.9	84.8	88.1	88.9	90.2	90.4	90.9	91.1	91.1	91.2	91.3	91.3	91.4	91.6	91.6	91.6
≥ 900	29.0	85.3	88.8	89.7	91.0	91.3	91.8	92.0	92.0	92.1	92.2	92.2	92.3	92.4	92.4	92.4
≥ 800	29.2	86.1	89.7	90.6	91.9	92.2	92.7	92.9	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3
≥ 700	29.3	87.3	90.9	91.9	93.3	93.7	94.1	94.3	94.3	94.4	94.6	94.6	94.7	94.8	94.8	94.8
≥ 600	29.6	88.0	91.7	92.8	94.2	94.7	95.1	95.3	95.4	95.6	95.7	95.7	95.8	95.9	95.9	95.9
≥ 500	29.6	88.3	92.9	94.0	95.7	96.3	96.8	97.2	97.3	97.4	97.6	97.6	97.7	97.8	97.8	97.8
≥ 400	29.6	88.3	93.0	94.2	96.1	96.8	97.2	97.9	98.0	98.1	98.2	98.2	98.3	98.4	98.4	98.4
≥ 300	29.6	88.3	93.0	94.2	96.1	96.8	97.3	98.4	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.1
≥ 200	29.6	88.3	93.0	94.2	96.1	96.8	97.3	98.6	98.9	99.0	99.4	99.4	99.6	99.8	99.8	99.8
≥ 100	29.6	88.3	93.0	94.2	96.1	96.8	97.3	98.6	98.9	99.0	99.4	99.4	99.6	99.8	99.8	99.8
≥ 0	29.6	88.3	93.0	94.2	96.1	96.8	97.3	98.6	98.9	99.0	99.4	99.4	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19623 LORING AFB ME

70-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	27.9	40.5	41.1	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7
≥ 20000	31.2	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.5
≥ 18000	31.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.2
≥ 16000	31.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.3
≥ 14000	32.4	46.7	47.5	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.2
≥ 12000	33.5	46.4	49.2	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.2
≥ 10000	35.3	51.2	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
≥ 9000	35.7	51.9	52.7	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.7
≥ 8000	37.9	55.3	56.1	56.4	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.5
≥ 7000	39.3	57.4	58.3	58.6	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.7
≥ 6000	40.1	58.9	59.6	60.1	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.2
≥ 5000	41.9	61.5	62.7	63.1	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.4
≥ 4500	42.5	62.4	63.5	63.8	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.2
≥ 4000	44.3	65.1	66.3	66.7	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.2
≥ 3500	45.7	67.0	68.3	68.7	69.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.3
≥ 3000	46.8	71.3	72.9	73.3	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.2
≥ 2500	50.4	73.5	75.3	75.8	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.9
≥ 2000	52.1	75.8	77.7	78.3	79.5	79.7	80.0	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.6
≥ 1800	52.3	76.2	78.1	78.7	79.9	80.1	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.1
≥ 1500	53.7	76.5	80.6	81.4	82.7	82.9	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.9
≥ 1200	54.3	80.4	82.6	83.5	84.8	85.2	85.5	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.3
≥ 1000	55.1	81.9	84.3	85.3	86.9	87.3	87.6	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.5
≥ 900	55.5	82.7	85.2	86.3	87.9	88.3	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.5
≥ 800	56.2	84.1	87.0	88.1	89.9	90.3	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.7
≥ 700	56.5	85.3	88.5	89.7	91.6	92.0	92.6	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.4
≥ 600	56.7	86.1	89.4	90.7	92.8	93.3	93.9	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.7
≥ 500	56.9	86.8	90.5	91.9	94.4	95.1	95.8	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.8
≥ 400	56.9	87.0	90.9	92.4	95.4	96.2	97.0	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.1
≥ 300	56.9	87.0	91.0	92.7	95.7	96.6	97.5	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.9
≥ 200	56.9	87.0	91.0	92.7	95.8	96.7	97.7	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.4
≥ 100	56.9	87.0	91.0	92.7	95.8	96.7	97.7	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.9
≥ 0	56.9	87.0	91.0	92.7	95.8	96.7	97.7	98.5	98.7	99.0	99.2	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-23

LORING AFB ME

70-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.15	≥.1	≥0
NO CEILING	15.9	49.3	57.8	51.5	52.3	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.4
≥ 20000	17.8	53.3	54.4	55.4	56.4	56.5	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.5	57.6
≥ 18000	17.8	54.4	55.5	56.2	57.2	57.3	57.7	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.3
≥ 16000	17.9	54.4	55.9	56.5	57.5	57.6	58.7	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.5	58.6
≥ 14000	17.9	54.4	56.7	56.6	57.6	57.7	58.1	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.7	58.8
≥ 12000	18.6	55.8	57.4	58.0	59.2	59.3	59.7	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.3	60.4
≥ 10000	20.8	59.7	61.5	62.1	63.4	63.5	63.9	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.6	64.7
≥ 9000	21.0	60.9	62.2	62.9	64.2	64.3	64.7	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.4
≥ 8000	22.0	64.0	65.9	66.5	67.9	68.0	68.5	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.2
≥ 7000	22.4	66.4	68.4	69.5	70.8	71.0	71.5	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.1	72.2
≥ 6000	23.0	68.2	70.3	70.9	72.8	73.0	73.4	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.1	74.2
≥ 5000	23.4	70.7	73.2	74.2	76.1	76.3	76.7	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.5
≥ 4500	23.5	71.4	73.8	74.8	76.7	77.0	77.4	77.8	77.8	77.8	77.8	77.8	77.9	77.9	78.0	78.1
≥ 4000	23.7	73.0	75.7	76.6	78.7	79.0	79.4	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.1	80.2
≥ 3500	23.9	74.2	76.9	77.8	79.9	80.2	80.6	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3	81.4
≥ 3000	23.9	75.7	78.6	79.7	82.0	82.3	82.8	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.4	83.5
≥ 2500	24.0	76.0	79.8	80.1	82.5	82.9	83.3	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.1	84.2
≥ 2000	24.4	77.3	80.4	81.5	84.0	84.5	85.3	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.8	85.9
≥ 1800	24.5	77.4	80.5	81.6	84.4	84.9	85.5	86.1	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.3
≥ 1600	24.5	79.4	82.5	84.1	87.5	88.1	88.6	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.5	89.6
≥ 1400	24.5	79.8	83.4	84.6	88.2	88.7	89.2	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.3	90.4
≥ 1200	24.5	80.2	83.9	85.0	89.9	89.5	90.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5	91.6
≥ 1000	24.5	80.3	84.4	85.1	89.0	89.0	90.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.6	91.7
≥ 900	24.5	81.1	84.7	86.0	90.0	90.5	91.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.8	92.9
≥ 800	24.5	81.4	85.3	86.5	90.7	91.4	92.5	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.9	94.0
≥ 700	24.5	81.9	85.9	87.2	91.7	92.4	93.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.8	94.9
≥ 600	24.7	82.3	86.7	87.9	92.7	93.4	94.7	95.8	95.9	96.0	96.1	96.1	96.2	96.2	96.3	96.4
≥ 500	24.7	82.6	87.1	88.4	93.5	94.3	95.6	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.3
≥ 400	24.7	82.7	87.3	88.8	94.0	94.9	96.4	97.5	97.6	97.7	97.8	97.8	98.0	98.0	98.1	98.2
≥ 300	24.7	82.8	87.4	88.9	94.2	95.2	96.8	98.0	98.2	98.4	98.6	98.6	98.7	98.9	99.0	99.6
≥ 200	24.7	82.8	87.4	88.9	94.3	95.3	96.9	98.1	98.3	98.5	98.8	98.8	98.9	99.0	99.2	99.4
≥ 100	24.7	82.8	87.4	88.9	94.3	95.3	96.9	98.1	98.3	98.5	98.8	98.8	98.9	99.0	99.2	99.4
≥ 0	24.7	82.8	87.4	88.9	94.3	95.3	96.9	98.1	98.3	98.5	98.8	98.8	98.9	99.0	99.2	99.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LCRING AFB ME

70-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	25.5	41.3	42.6	43.1	44.3	44.6	45.1	45.7	45.7	45.8	46.0	46.0	46.5	46.7	47.3	47.6
≥ 20000	27.8	46.0	48.5	48.3	49.6	50.2	50.4	51.2	51.2	51.3	51.5	51.5	51.9	52.2	52.8	53.1
≥ 18000	28.3	46.6	48.5	48.9	50.2	50.9	51.1	51.8	51.8	51.9	52.2	52.2	52.6	52.8	53.4	53.8
≥ 16000	28.3	46.6	48.5	48.9	50.2	50.9	51.1	51.8	51.8	51.9	52.2	52.2	52.6	52.8	53.4	53.8
≥ 14000	28.5	47.3	49.2	49.8	51.1	51.7	51.7	52.7	52.7	52.8	53.2	53.3	53.4	53.7	54.3	54.6
≥ 12000	29.0	48.0	49.9	50.4	51.7	52.5	52.7	53.5	53.5	53.7	53.9	53.9	54.3	54.5	55.2	55.5
≥ 10000	30.4	50.6	52.7	53.2	54.5	55.3	55.5	56.3	56.3	56.5	56.7	56.7	57.1	57.3	58.1	58.4
≥ 9000	30.8	51.1	53.1	53.7	54.9	55.7	55.9	56.8	56.8	56.9	57.1	57.1	57.5	57.7	58.5	58.8
≥ 8000	34.5	56.6	58.6	59.4	60.6	61.4	61.6	62.5	62.5	62.6	62.8	62.8	63.2	63.4	64.2	64.5
≥ 7000	35.4	58.4	60.8	61.5	62.9	63.7	63.9	64.8	64.8	64.9	65.2	65.2	65.6	65.8	66.6	66.9
≥ 6000	36.2	59.9	62.3	63.0	64.4	65.2	65.5	66.5	66.5	66.7	66.9	66.9	67.3	67.5	68.3	68.6
≥ 5000	37.1	61.9	64.6	65.5	66.9	67.7	68.3	69.2	69.2	69.5	69.7	69.7	70.1	70.3	71.1	71.4
≥ 4500	37.6	62.8	65.6	66.6	68.0	68.8	69.4	70.3	70.3	70.5	70.8	70.8	71.2	71.4	72.2	72.5
≥ 4000	38.9	64.8	67.7	68.9	71.3	71.4	71.9	72.9	72.9	73.1	73.3	73.3	73.8	74.0	74.7	75.1
≥ 3500	39.1	65.4	68.3	69.5	70.9	71.9	72.5	73.4	73.4	73.7	73.9	73.9	74.3	74.5	75.3	75.6
≥ 3000	40.2	67.4	70.5	71.9	73.7	74.7	75.4	76.3	76.3	76.6	76.8	76.8	77.2	77.4	78.2	78.5
≥ 2500	40.5	68.1	71.6	73.0	75.2	75.3	77.1	78.1	78.1	78.4	78.6	78.6	79.0	79.2	80.0	80.3
≥ 2000	40.8	69.1	72.9	74.3	76.9	78.4	79.1	80.2	80.2	80.6	80.9	80.9	81.3	81.5	82.3	82.6
≥ 1800	40.9	69.4	73.1	74.5	77.1	78.6	79.4	80.4	80.4	80.9	81.1	81.1	81.5	81.7	82.5	82.8
≥ 1500	40.9	70.1	74.2	75.6	78.6	80.2	81.2	82.3	82.3	82.7	82.9	82.9	83.3	83.5	84.3	84.6
≥ 1200	41.2	71.0	75.6	77.1	80.4	82.2	83.1	84.2	84.2	84.6	84.8	84.8	85.3	85.5	86.2	86.5
≥ 1000	41.2	71.7	76.6	78.1	81.5	83.2	84.3	85.5	85.5	85.9	86.1	86.1	86.6	86.8	87.5	87.8
≥ 900	41.4	72.0	76.9	78.4	81.8	83.5	84.6	85.8	85.8	86.2	86.5	86.5	86.9	87.1	87.8	88.2
≥ 800	41.5	72.6	77.7	79.5	83.0	84.7	85.9	87.1	87.1	87.5	87.7	87.7	88.2	88.4	89.1	89.5
≥ 700	41.5	72.7	77.8	79.6	83.3	85.1	86.3	87.5	87.5	88.0	88.2	88.2	88.6	88.8	89.5	89.9
≥ 600	41.5	73.0	78.3	80.2	84.1	85.8	87.1	88.4	88.5	88.9	89.1	89.1	89.6	89.8	90.5	90.9
≥ 500	41.6	73.5	78.8	81.0	85.2	87.0	88.6	90.2	90.5	91.0	91.2	91.2	91.6	91.9	92.7	93.1
≥ 400	41.6	73.9	79.5	81.7	86.8	88.9	90.8	92.7	93.0	93.4	93.8	93.8	94.2	94.5	95.3	95.8
≥ 300	41.6	74.0	79.6	81.8	87.1	89.4	91.5	93.9	94.2	94.6	94.9	94.9	95.4	95.8	96.6	97.2
≥ 200	41.6	74.0	79.6	81.8	87.1	89.4	91.8	94.4	94.9	95.8	96.2	96.2	96.9	97.3	98.1	98.9
≥ 100	41.6	74.0	79.6	81.8	87.2	89.5	91.9	94.5	95.1	95.9	96.5	96.7	97.3	97.7	98.6	99.8
≥ 0	41.6	74.0	79.6	81.8	87.2	89.5	91.9	94.5	95.1	95.9	96.6	96.7	97.3	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	34.7	41.4	42.6	42.7	43.7	43.7	43.8	43.8	43.8	43.9	43.9	43.9	44.0	44.1	44.1	44.2
≥ 20000	39.6	46.6	48.2	48.5	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.9	50.1	50.1	50.2
≥ 18000	40.1	47.2	48.9	49.2	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.7	50.8	50.8	50.9
≥ 16000	40.3	47.5	49.1	49.4	50.5	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.9	51.0	51.0	51.1
≥ 14000	40.6	47.8	49.5	49.8	50.9	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.5	51.5	51.6
≥ 12000	42.1	49.5	51.6	51.9	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.5	53.5	53.6
≥ 10000	44.2	52.3	54.4	54.7	55.8	55.9	56.0	56.3	56.3	56.4	56.4	56.4	56.5	56.6	56.6	56.7
≥ 9000	44.6	52.9	54.9	55.2	56.3	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.9	56.9	57.0
≥ 8000	48.1	57.2	59.5	60.4	61.5	61.6	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.1	62.1	62.2
≥ 7000	50.1	59.7	62.2	63.2	64.4	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.9	65.0	65.0	65.2
≥ 6000	50.7	60.6	63.3	64.3	65.6	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.2	66.2	66.3
≥ 5000	51.9	62.2	64.9	65.9	67.4	67.5	67.7	67.7	67.7	67.9	67.9	67.9	68.0	68.1	68.1	68.2
≥ 4500	52.6	63.1	65.8	66.9	68.5	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.1	69.3	69.3	69.4
≥ 4000	53.9	64.7	67.4	68.5	70.2	70.3	70.5	70.5	70.5	70.9	70.9	71.1	71.1	71.3	71.3	71.4
≥ 3500	54.2	64.9	67.5	68.7	70.4	70.9	71.1	71.2	71.2	71.4	71.4	71.4	71.5	71.6	71.6	71.7
≥ 3000	56.6	67.9	70.7	71.7	73.5	74.0	74.2	74.3	74.4	74.6	74.6	74.6	74.8	74.9	74.9	75.3
≥ 2500	56.7	68.8	71.7	72.8	74.5	75.2	75.5	75.6	75.7	75.9	75.9	75.9	76.1	76.2	76.2	76.3
≥ 2000	57.5	69.9	72.9	74.1	75.9	76.7	77.0	77.1	77.2	77.5	77.5	77.5	77.6	77.7	77.7	77.8
≥ 1800	57.6	70.1	73.1	74.4	76.4	77.1	77.5	77.6	77.7	77.9	77.9	77.9	78.0	78.1	78.1	78.2
≥ 1500	58.7	72.1	75.3	76.6	78.7	79.6	80.0	80.3	80.4	80.6	80.6	80.6	80.7	80.8	80.8	80.9
≥ 1200	59.4	73.2	76.8	78.2	80.7	81.7	82.2	82.4	82.5	82.7	82.7	82.7	82.8	83.0	83.0	83.1
≥ 1000	59.9	74.2	78.3	80.3	83.0	83.9	84.5	84.7	84.8	85.0	85.0	85.0	85.1	85.2	85.2	85.3
≥ 900	60.2	75.3	79.1	81.0	83.7	84.7	85.2	85.5	85.7	85.9	85.9	85.9	86.0	86.1	86.1	86.2
≥ 800	61.1	76.3	80.5	82.5	85.4	86.4	86.9	87.3	87.5	87.7	87.7	87.7	87.8	87.9	87.9	88.0
≥ 700	61.2	76.8	81.1	83.2	86.1	87.2	87.7	88.0	88.2	88.5	88.5	88.5	88.6	88.7	88.7	88.8
≥ 600	61.4	78.1	82.7	84.8	88.3	89.4	90.1	90.6	90.9	91.2	91.2	91.2	91.3	91.4	91.4	91.5
≥ 500	61.6	78.7	83.7	86.0	90.3	91.6	93.0	93.7	94.1	94.3	94.3	94.3	94.4	94.5	94.5	94.7
≥ 400	61.6	79.1	84.7	87.1	91.7	93.2	94.9	95.8	96.1	96.3	96.3	96.3	96.4	96.5	96.5	96.8
≥ 300	61.6	79.1	84.7	87.1	91.8	93.5	95.3	96.4	97.0	97.2	97.2	97.2	97.3	97.4	97.4	97.8
≥ 200	61.6	79.1	84.7	87.1	91.8	93.7	95.6	97.0	97.6	97.8	98.1	98.1	98.4	98.5	98.5	99.0
≥ 100	61.6	79.1	84.7	87.1	91.8	93.7	95.9	97.4	98.1	98.3	98.5	98.5	98.9	99.0	99.1	100.0
≥ 0	61.6	79.1	84.7	87.1	91.8	93.7	95.9	97.4	98.1	98.3	98.5	98.5	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

75-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3960-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	35.3	41.7	42.5	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	43.2	46.0	46.9	47.6	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	43.6	46.4	47.4	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	40.3	46.6	47.6	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	41.2	47.0	48.2	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	43.1	49.0	50.3	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	45.4	52.0	53.3	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 9000	46.0	52.6	53.9	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	48.9	55.9	57.3	57.9	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	50.6	58.4	60.7	60.6	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 6000	51.1	59.6	61.2	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 5000	52.2	60.8	62.4	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4500	52.7	61.4	63.0	63.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	54.7	63.5	65.2	66.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	55.8	64.8	66.6	67.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	56.4	69.8	71.6	72.4	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	53.1	73.2	75.0	76.1	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	65.2	76.0	77.9	79.3	80.9	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800	65.2	75.2	79.1	79.5	81.2	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	67.2	79.1	81.4	83.0	84.8	85.1	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	68.8	81.7	84.2	86.0	88.3	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	69.9	84.0	86.4	88.3	90.9	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	70.1	84.5	87.0	88.8	91.4	91.8	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	70.5	85.4	88.1	90.1	92.8	93.2	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	70.7	86.0	88.9	90.9	93.6	94.2	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	70.7	86.1	89.0	91.5	94.5	95.2	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	71.0	86.9	90.2	92.7	96.1	96.9	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	71.3	87.0	90.3	92.8	96.3	97.4	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	71.4	87.1	90.4	93.0	96.6	97.6	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	71.4	87.1	90.4	93.0	96.6	97.8	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.4	87.1	90.4	93.0	96.6	97.8	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.4	87.1	90.4	93.0	96.6	97.8	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10623
STATION

LORING AFB ME
STATION NAME

7L-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	34.9	39.4	41.7	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	41.6	46.6	48.2	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 18000	43.4	48.7	49.6	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 16000	43.2	48.2	49.8	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	43.8	48.9	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	45.1	50.8	52.5	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	47.1	53.5	55.4	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 9000	47.1	54.0	55.8	56.3	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 8000	51.2	58.5	60.3	60.9	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 7000	52.3	59.9	61.7	62.4	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000	52.9	60.5	62.4	63.0	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	54.1	61.8	63.7	64.3	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	54.6	62.6	64.4	65.1	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	57.1	65.5	67.3	68.1	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	59.5	68.1	70.2	71.2	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	66.7	75.6	77.8	78.9	81.0	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	69.7	79.5	81.9	83.2	85.5	85.9	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	71.7	82.2	84.7	86.1	88.4	88.8	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	71.9	82.7	85.3	86.7	89.0	89.5	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	72.8	84.0	86.6	88.1	90.5	91.0	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	73.5	85.2	88.0	89.6	92.0	92.5	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	74.3	86.1	88.9	90.6	93.3	93.8	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	74.5	86.2	89.1	91.0	93.7	94.1	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	74.6	86.8	89.7	91.7	94.4	94.8	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	74.8	87.2	90.3	92.4	95.3	95.8	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	74.8	87.2	90.5	92.6	95.7	96.3	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	75.2	87.8	91.6	93.8	97.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	75.2	87.8	91.6	93.8	97.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	75.2	87.8	91.6	93.8	97.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.2	87.8	91.6	93.8	97.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.2	87.8	91.6	93.8	97.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.2	87.8	91.6	93.8	97.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

7G-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.125	≥.0625	≥.03125
NO CEILING	37.8	41.5	42.6	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	45.3	49.5	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	46.1	50.3	51.4	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000	46.7	50.9	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	47.5	51.9	53.0	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 12000	49.1	54.7	55.8	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	51.3	57.1	58.3	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	51.8	58.0	59.2	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	56.6	63.3	64.8	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	58.6	65.9	67.4	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	60.0	67.6	69.1	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	62.4	70.4	72.2	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	62.9	71.3	73.1	74.0	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	66.0	75.6	77.7	79.1	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	67.8	77.6	80.0	81.4	82.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	70.9	81.1	83.7	85.3	86.1	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	72.5	83.3	86.3	88.2	89.5	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	73.1	84.3	87.3	89.4	90.8	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	73.4	84.6	87.6	89.7	91.1	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	74.4	85.8	88.9	91.5	92.9	93.4	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1200	74.8	86.3	89.6	92.2	93.5	94.3	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	75.4	87.5	90.9	93.7	95.3	96.0	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	75.6	87.7	91.1	94.1	95.7	96.5	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	75.6	87.8	91.2	94.2	95.8	96.6	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	75.6	87.8	91.3	94.3	95.9	96.7	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	75.7	88.0	91.4	94.4	96.0	96.9	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	75.7	88.3	92.0	95.2	96.8	97.7	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	75.7	88.3	92.0	95.3	96.9	97.8	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	75.7	88.3	92.2	95.4	97.1	98.3	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	75.7	88.3	92.3	95.5	97.2	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.7	88.3	92.3	95.5	97.2	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.7	88.3	92.3	95.5	97.2	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

76-79

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	35.2	45.2	45.5	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	40.8	52.6	52.9	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	41.3	53.4	53.8	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 16000	41.5	53.4	53.8	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	41.7	54.2	54.5	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	43.3	56.7	57.7	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	45.9	60.2	60.9	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 9000	46.8	61.3	62.1	62.5	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	50.9	66.7	67.8	68.4	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	52.5	69.5	70.8	71.6	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	53.2	70.7	72.0	72.7	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	54.1	72.4	73.9	74.7	75.5	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	54.7	73.5	75.1	75.9	76.8	76.8	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	58.0	77.9	79.6	81.1	82.5	82.5	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	59.4	80.1	81.9	83.5	84.9	85.0	85.2	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	61.0	82.4	84.4	86.2	87.9	88.3	88.6	88.9	88.9	89.3	89.2	89.3	89.3	89.3	89.3	89.3
≥ 2500	61.4	83.3	85.5	87.3	89.2	90.0	90.5	90.8	90.8	90.9	91.2	91.3	91.3	91.3	91.3	91.3
≥ 2000	62.0	84.1	86.2	88.3	90.2	91.1	91.6	92.0	92.0	92.1	92.3	92.5	92.5	92.5	92.5	92.5
≥ 1800	62.0	84.1	86.2	88.3	90.2	91.1	91.6	92.0	92.0	92.1	92.3	92.5	92.5	92.5	92.5	92.5
≥ 1500	62.2	84.8	87.1	89.2	91.2	92.3	93.1	93.5	93.5	93.6	93.9	94.0	94.0	94.0	94.0	94.0
≥ 1200	62.6	85.3	87.7	89.9	91.8	93.0	93.8	94.3	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7
≥ 1000	62.8	86.1	88.3	90.7	92.9	94.1	94.8	95.5	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9
≥ 900	62.9	86.5	88.9	91.2	93.3	94.5	95.4	96.0	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4
≥ 800	62.9	86.6	89.0	91.4	93.9	95.2	96.0	96.8	96.8	96.9	97.1	97.3	97.3	97.3	97.3	97.3
≥ 700	62.9	87.2	89.5	91.9	94.4	95.7	96.7	97.4	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0
≥ 600	62.9	87.4	89.8	92.1	94.6	95.9	96.9	97.8	97.8	98.0	98.2	98.4	98.4	98.4	98.4	98.4
≥ 500	62.9	87.4	89.8	92.3	94.9	96.2	97.4	98.4	98.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0
≥ 400	62.9	87.4	89.8	92.3	95.2	96.6	97.8	98.8	98.8	99.0	99.2	99.5	99.5	99.5	99.5	99.5
≥ 300	62.9	87.4	89.8	92.5	95.3	96.7	98.0	98.9	99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 200	62.9	87.4	89.8	92.5	95.3	96.7	98.1	99.0	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9
≥ 100	62.9	87.4	89.8	92.5	95.3	96.7	98.1	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	62.9	87.4	89.8	92.5	95.3	96.7	98.1	99.0	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2160-2300
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/4	≥3/4	≥3/4	≥3/4	≥0
NO CEILING	19.7	52.1	52.8	53.3	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5
≥ 20000	20.5	55.7	56.4	57.2	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 18000	20.5	56.1	56.9	57.6	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8
≥ 16000	20.5	56.2	57.0	57.7	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9
≥ 14000	20.5	56.5	57.3	58.1	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 12000	21.5	58.4	59.1	59.9	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥ 10000	22.5	61.4	62.2	63.0	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 9000	22.2	61.7	62.6	63.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
≥ 8000	23.6	66.3	67.3	68.1	69.0	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 7000	24.5	69.9	70.9	71.6	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 6000	24.7	71.4	72.4	73.2	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 5000	25.0	73.1	74.1	75.0	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	25.9	74.6	75.7	76.8	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 4000	27.7	77.6	78.9	79.9	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 3500	28.3	79.4	80.7	81.8	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 3000	28.9	81.4	83.2	84.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8
≥ 2500	28.9	82.6	84.5	85.7	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5
≥ 2000	29.5	83.9	86.0	87.3	89.6	89.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.5
≥ 1800	29.6	83.9	86.2	87.6	90.0	90.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9
≥ 1500	29.7	84.4	86.9	88.5	91.4	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 1200	29.7	85.3	87.9	89.4	92.6	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 1000	29.7	85.7	88.5	90.1	93.3	93.3	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.5
≥ 900	29.8	86.1	88.9	90.5	93.7	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.9
≥ 800	29.8	86.1	88.9	90.5	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	95.5
≥ 700	29.8	86.6	89.4	91.0	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	96.2
≥ 600	29.8	86.7	89.6	91.3	94.9	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	97.0
≥ 500	29.8	86.9	90.2	91.9	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	98.2
≥ 400	29.8	87.1	90.3	92.1	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	98.5
≥ 300	29.8	87.5	90.7	92.7	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	99.4
≥ 200	29.8	87.5	90.7	92.7	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	99.9
≥ 100	29.8	87.5	90.7	92.7	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	100.0
≥ 0	29.8	87.5	90.7	92.7	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	30.1	44.0	45.1	45.4	46.1	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.6	46.7
≥ 20000	34.2	49.5	50.7	51.2	51.9	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.5
≥ 18000	34.7	50.3	51.5	52.0	52.7	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3
≥ 16000	34.9	50.5	51.7	52.2	52.9	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.5
≥ 14000	35.2	51.1	52.3	52.8	53.5	53.6	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.1	54.2	54.3
≥ 12000	35.5	52.8	54.2	54.7	55.5	55.6	55.7	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.1
≥ 10000	36.4	55.9	57.3	57.9	58.7	58.8	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.4	59.5
≥ 9000	38.9	56.3	58.0	58.6	59.4	59.5	59.6	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.1
≥ 8000	42.0	61.1	62.7	63.4	64.3	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.0	65.1
≥ 7000	43.3	63.5	65.3	66.0	67.1	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8	67.9
≥ 6000	44.0	64.8	66.6	67.4	68.5	68.6	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.3	69.4
≥ 5000	45.0	66.7	68.6	69.5	70.7	70.8	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.5	71.6	71.7
≥ 4500	45.6	67.5	69.5	70.5	71.7	71.9	72.1	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.7
≥ 4000	47.3	70.3	72.4	73.6	74.9	75.2	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.1
≥ 3500	48.5	71.8	74.0	75.2	76.6	77.0	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.7	77.8	77.9
≥ 3000	51.1	75.2	77.6	78.8	80.6	80.9	81.2	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.9	82.0
≥ 2500	52.1	76.9	79.4	80.8	82.7	83.2	83.5	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.3	84.4
≥ 2000	53.1	78.3	81.0	82.5	84.6	85.2	85.6	86.0	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.5
≥ 1800	53.1	78.5	81.3	82.8	84.9	85.5	85.9	86.3	86.3	86.4	86.5	86.5	86.6	86.6	86.7	86.8
≥ 1500	53.6	80.0	82.9	84.6	87.0	87.7	88.2	88.6	88.7	88.7	88.8	88.8	88.9	89.0	89.1	89.2
≥ 1200	54.3	81.0	84.1	85.9	88.4	89.2	89.8	90.2	90.2	90.3	90.4	90.4	90.5	90.6	90.7	90.7
≥ 1000	54.7	81.9	85.2	87.1	89.9	90.7	91.3	91.9	91.9	92.0	92.1	92.1	92.2	92.2	92.3	92.4
≥ 900	54.9	82.3	85.6	87.5	90.3	91.1	91.8	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.8
≥ 800	55.1	82.8	86.2	88.2	91.2	92.0	92.7	93.3	93.3	93.4	93.5	93.5	93.6	93.7	93.8	93.8
≥ 700	55.1	83.2	86.7	88.7	91.8	92.6	93.4	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.5	94.6
≥ 600	55.2	83.6	87.2	89.3	92.5	93.4	94.3	95.0	95.1	95.2	95.3	95.3	95.4	95.4	95.5	95.6
≥ 500	55.3	84.0	87.9	90.1	93.6	94.5	95.6	96.6	96.7	96.8	96.9	96.9	97.0	97.1	97.2	97.3
≥ 400	55.3	84.1	88.2	90.4	94.2	95.4	96.6	97.5	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.3
≥ 300	55.3	84.2	88.3	90.6	94.5	95.8	97.1	98.1	98.3	98.4	98.5	98.5	98.7	98.7	98.8	99.0
≥ 200	55.3	84.2	88.3	90.6	94.5	95.9	97.3	98.4	98.6	98.9	99.0	99.1	99.2	99.3	99.4	99.7
≥ 100	55.3	84.2	88.3	90.6	94.5	95.9	97.4	98.5	98.7	99.0	99.2	99.2	99.4	99.5	99.6	100.0
≥ 0	55.3	84.2	88.3	90.6	94.5	95.9	97.4	98.5	98.7	99.0	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

70-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3000-0200
MOON SET

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	17.2	52.9	54.1	54.5	54.9	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.2	56.0
≥ 20000	17.4	55.6	57.2	57.8	58.2	58.6	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.1	59.5
≥ 18000	17.4	55.9	57.5	58.2	58.5	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.5	59.8
≥ 16000	17.4	56.1	57.7	58.4	58.7	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	60.2
≥ 14000	17.6	56.7	58.4	59.0	59.4	59.8	60.2	60.2	60.2	60.2	60.3	60.3	60.4	60.4	60.5	60.7
≥ 12000	17.7	57.5	59.2	59.9	60.2	60.6	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.4	61.7
≥ 10000	17.7	59.7	61.4	62.0	62.4	62.8	63.2	63.2	63.2	63.2	63.3	63.3	63.4	63.4	63.7	64.0
≥ 9000	17.7	60.1	61.8	62.5	62.8	63.2	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	64.1	64.4
≥ 8000	18.2	62.3	64.1	64.8	65.2	65.6	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.5	66.8
≥ 7000	18.7	63.8	65.8	66.6	67.1	67.5	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.5	68.8
≥ 6000	19.1	64.8	67.1	67.8	68.4	68.9	69.4	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.9	70.2
≥ 5000	19.5	66.1	68.4	69.1	69.7	70.2	70.6	70.8	70.8	70.8	70.9	70.9	71.0	71.0	71.2	71.5
≥ 4500	19.8	66.8	69.3	69.8	70.3	70.9	71.3	71.4	71.4	71.4	71.5	71.5	71.6	71.6	71.8	72.2
≥ 4000	20.1	68.6	71.0	71.7	72.3	72.8	73.2	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.8	74.1
≥ 3500	20.8	70.5	73.2	74.0	74.7	75.3	75.7	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.2	76.6
≥ 3000	21.0	72.7	75.7	76.5	77.8	78.4	78.8	79.2	79.2	79.4	79.5	79.5	79.6	79.7	79.9	80.2
≥ 2500	21.1	73.5	77.0	77.8	79.1	79.8	80.2	80.6	80.6	80.8	80.9	80.9	81.0	81.1	81.3	81.6
≥ 2000	21.1	74.1	77.6	78.6	79.9	80.5	81.3	81.8	81.9	82.0	82.4	82.4	82.5	82.6	82.8	83.1
≥ 1800	21.2	74.5	78.1	79.0	80.3	81.1	82.0	82.6	82.7	82.8	83.1	83.1	83.2	83.3	83.5	83.9
≥ 1500	21.3	75.3	79.8	79.9	81.3	82.2	83.1	83.7	83.9	84.0	84.3	84.3	84.4	84.5	84.7	85.1
≥ 1200	21.4	75.9	79.8	80.6	82.0	82.9	84.2	84.7	84.9	85.1	85.4	85.4	85.5	85.6	85.8	86.1
≥ 1000	21.4	76.1	79.8	80.9	82.6	83.9	85.3	86.0	86.2	86.5	86.8	86.8	86.9	87.0	87.2	87.5
≥ 900	21.5	76.3	80.0	81.1	82.8	84.2	85.6	86.3	86.6	86.6	87.1	87.1	87.2	87.3	87.5	87.8
≥ 800	21.5	77.4	81.1	82.3	84.0	85.4	86.8	87.5	87.7	88.0	88.3	88.3	88.4	88.5	88.7	89.0
≥ 700	21.5	77.7	81.5	82.7	84.4	85.9	87.4	88.3	88.5	88.7	89.0	89.0	89.1	89.2	89.5	89.8
≥ 600	21.8	79.0	82.9	84.1	85.8	87.5	89.0	90.0	90.2	90.4	90.8	90.8	90.9	91.0	91.2	91.5
≥ 500	21.8	80.1	84.2	85.7	87.6	89.6	91.2	92.4	92.7	92.9	93.2	93.2	93.3	93.4	93.7	94.0
≥ 400	21.8	80.3	84.6	86.2	88.6	90.6	92.4	93.9	94.3	94.6	94.9	94.9	95.1	95.2	95.4	95.7
≥ 300	21.8	80.9	84.8	86.6	89.2	91.4	93.1	95.3	96.0	96.7	97.1	97.1	97.3	97.4	97.6	98.0
≥ 200	21.8	80.6	84.9	86.7	89.7	91.8	93.5	95.8	96.9	97.5	98.1	98.3	98.5	98.6	99.0	99.5
≥ 100	21.8	80.6	84.9	86.7	89.7	91.8	93.5	95.9	97.0	97.6	98.3	98.5	98.7	98.9	99.5	100.0
≥ 0	21.8	80.6	84.9	86.7	89.7	91.8	93.5	95.9	97.0	97.6	98.3	98.5	98.7	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523
STATION

LORING AFB ME
STATION NAME

75-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	22.5	48.5	49.8	57.3	51.0	51.3	51.9	52.3	52.6	52.7	52.8	52.9	53.1	53.2	53.2	
≥ 20000	23.3	51.2	52.6	53.1	54.3	54.3	55.4	55.9	56.2	56.3	56.5	56.5	56.6	56.8	56.9	57.2
≥ 18000	23.4	51.3	52.7	53.2	54.1	54.4	55.6	56.1	56.5	56.6	56.7	56.7	56.8	57.0	57.1	57.2
≥ 16000	23.4	51.4	52.9	53.3	54.2	54.5	55.7	56.2	56.6	56.7	56.8	56.8	56.9	57.1	57.2	57.3
≥ 14000	23.5	52.2	53.5	54.1	54.9	55.3	56.6	57.1	57.4	57.5	57.6	57.6	57.7	58.0	58.1	58.2
≥ 12000	24.4	53.4	54.8	55.6	56.5	56.8	58.1	58.6	58.9	59.3	59.1	59.1	59.2	59.5	59.6	59.7
≥ 10000	25.4	55.9	57.3	58.2	59.2	59.6	60.9	61.4	61.7	61.9	62.3	62.3	62.4	62.4	62.5	62.6
≥ 9000	25.5	56.2	57.6	58.5	59.6	59.9	61.2	61.7	62.3	62.3	62.4	62.4	62.5	62.7	62.8	62.9
≥ 8000	27.1	59.0	60.8	61.5	62.8	63.1	64.5	65.1	65.4	65.6	65.7	65.7	65.8	66.3	66.1	66.2
≥ 7000	27.3	59.5	61.5	62.8	64.1	64.4	65.8	66.3	66.7	66.9	67.3	67.3	67.3	67.3	67.4	67.5
≥ 6000	27.5	60.4	62.7	63.7	64.9	65.3	66.7	67.2	67.5	67.7	67.8	67.8	68.0	68.2	68.3	68.4
≥ 5000	28.4	61.8	64.1	65.2	66.5	66.9	68.4	68.9	69.2	69.5	69.6	69.6	69.7	69.9	70.3	70.2
≥ 4500	28.5	62.0	64.4	65.6	66.9	67.3	68.8	69.4	69.7	69.9	70.0	70.0	70.1	70.3	70.4	70.6
≥ 4000	28.9	64.1	66.7	67.8	69.1	69.6	71.1	71.6	71.9	72.2	72.3	72.3	72.4	72.6	72.7	72.9
≥ 3500	29.6	65.9	68.6	70.0	71.4	71.8	73.3	73.9	74.2	74.4	74.5	74.5	74.6	74.8	74.9	75.2
≥ 3000	30.1	67.6	70.6	72.0	73.4	73.9	75.4	76.2	76.3	76.9	77.3	77.3	77.3	77.3	77.4	77.6
≥ 2500	30.2	68.5	71.6	73.1	74.7	75.2	76.9	77.5	77.8	78.4	78.5	78.5	78.6	78.8	79.9	79.1
≥ 2000	30.5	69.7	73.1	74.6	76.3	76.8	78.6	79.2	79.6	80.1	80.2	80.2	80.3	80.5	80.6	80.9
≥ 1800	30.8	70.0	73.3	74.9	76.8	77.2	79.0	79.7	80.0	80.5	80.6	80.6	80.8	81.0	81.1	81.3
≥ 1500	31.0	70.9	74.2	75.8	77.8	78.3	80.1	80.9	81.2	81.7	81.8	81.8	81.9	82.2	82.3	82.5
≥ 1200	31.1	71.6	74.9	76.7	78.7	79.1	81.3	82.2	82.5	83.0	83.1	83.1	83.2	83.4	83.5	83.8
≥ 1000	31.3	72.6	75.9	77.7	80.3	80.8	82.9	84.0	84.4	85.1	85.2	85.2	85.3	85.5	85.6	85.8
≥ 900	31.4	72.8	76.1	78.1	80.6	81.1	83.2	84.3	84.7	85.4	85.5	85.5	85.6	85.8	85.9	86.1
≥ 800	31.5	73.2	76.7	78.6	81.5	82.2	84.4	85.5	86.0	86.7	86.8	86.8	86.9	87.1	87.2	87.4
≥ 700	31.5	73.9	77.3	79.2	82.2	82.8	85.1	86.2	86.8	87.4	87.5	87.5	87.6	87.8	88.0	88.2
≥ 600	31.6	74.0	77.6	79.6	82.7	83.3	85.6	86.9	87.6	88.3	88.4	88.4	88.5	88.7	88.8	89.0
≥ 500	31.6	74.4	78.7	80.8	84.1	84.8	87.2	88.5	89.2	89.9	90.0	90.0	90.1	90.3	90.4	90.6
≥ 400	31.6	75.2	79.6	81.7	85.2	86.2	88.9	90.5	91.4	92.2	92.4	92.4	92.5	92.7	92.8	93.0
≥ 300	31.6	75.5	80.1	82.4	86.2	87.5	90.5	92.5	93.8	94.7	95.3	95.3	95.5	95.8	96.0	96.5
≥ 200	31.6	75.5	80.1	82.4	86.2	87.6	91.1	93.3	94.7	96.0	96.8	97.1	97.8	98.2	98.3	98.7
≥ 100	31.6	75.5	80.1	82.4	86.2	87.6	91.1	93.3	94.8	96.1	97.0	97.3	98.2	98.5	98.9	99.9
0	31.6	75.5	80.1	82.4	86.2	87.6	91.1	93.3	94.8	96.1	97.0	97.3	98.2	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

4UG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	35.7	42.9	43.9	44.7	45.9	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	47.1
≥ 20000	39.6	47.5	48.6	49.7	51.2	51.7	52.3	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	53.0
≥ 18000	41.1	48.1	49.1	50.2	51.7	52.3	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.5
≥ 16000	40.2	48.3	49.4	50.4	51.9	52.5	53.0	53.3	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.6
≥ 14000	40.2	48.5	49.8	51.0	52.5	53.1	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.4
≥ 12000	41.4	50.1	51.4	52.7	54.5	55.1	55.6	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3
≥ 10000	43.7	53.2	54.6	56.1	58.3	58.8	59.4	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.2
≥ 9000	43.8	53.5	54.9	56.5	58.6	59.1	59.7	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.5
≥ 8000	45.7	55.7	57.1	58.6	61.3	62.2	62.7	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.7
≥ 7000	47.2	57.2	58.7	60.2	62.9	63.8	64.3	64.8	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.3
≥ 6000	47.7	57.8	59.4	60.9	63.5	64.4	64.9	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	66.0
≥ 5000	48.6	59.5	61.7	62.8	65.2	66.3	66.6	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.6
≥ 4500	49.0	63.0	61.6	63.1	65.8	66.7	67.2	67.8	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.3
≥ 4000	50.0	62.3	64.1	65.7	68.5	69.4	70.0	70.6	70.6	70.6	70.8	70.8	70.8	70.9	70.9	71.1
≥ 3500	50.5	63.1	65.1	66.7	69.5	70.3	71.0	71.5	71.5	71.5	71.6	71.7	71.7	71.8	71.8	72.0
≥ 3000	52.8	65.5	67.6	69.2	72.4	73.3	74.0	74.7	74.7	74.7	74.8	74.9	74.9	75.1	75.1	75.3
≥ 2500	54.5	67.6	69.8	71.4	74.6	75.9	76.5	77.3	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.8
≥ 2000	55.4	68.8	71.0	72.7	75.9	77.3	78.0	78.8	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.4
≥ 1800	55.8	69.0	71.2	72.9	76.2	77.7	78.4	79.2	79.2	79.2	79.4	79.5	79.5	79.5	79.6	79.8
≥ 1500	56.3	70.3	72.6	74.3	77.7	79.4	80.0	80.9	80.9	81.0	81.2	81.2	81.2	81.3	81.3	81.5
≥ 1200	56.8	71.2	73.4	75.3	78.9	80.5	81.2	82.0	82.0	82.0	82.2	82.4	82.4	82.5	82.5	82.7
≥ 1000	58.1	72.8	75.3	77.1	80.9	82.5	83.1	84.2	84.2	84.2	84.3	84.5	84.5	84.6	84.6	84.8
≥ 900	58.5	73.2	75.7	77.6	81.5	83.3	84.1	85.2	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.8
≥ 800	58.8	73.5	76.5	78.6	82.6	84.6	85.5	86.6	86.6	86.7	86.9	86.9	86.9	87.0	87.0	87.2
≥ 700	59.0	74.1	76.8	78.9	82.9	84.9	85.3	86.9	87.0	87.1	87.3	87.3	87.3	87.4	87.4	87.6
≥ 600	59.2	75.3	78.0	80.1	84.5	87.0	87.2	88.9	89.0	89.1	89.4	89.4	89.4	89.5	89.5	89.7
≥ 500	59.2	75.6	79.1	81.5	86.2	89.1	90.3	91.5	91.6	91.7	91.9	91.9	91.9	92.0	92.0	92.4
≥ 400	59.4	75.9	80.1	82.6	87.8	91.4	92.9	94.1	94.2	94.3	94.5	94.5	94.6	94.7	94.8	95.2
≥ 300	59.4	76.2	80.6	83.4	88.9	92.8	94.6	95.9	96.1	96.7	97.7	97.7	97.8	98.0	98.1	98.4
≥ 200	59.4	76.2	80.6	83.4	88.9	92.8	94.6	96.1	96.5	97.2	98.4	98.4	98.7	98.8	99.0	99.4
≥ 100	59.4	76.2	80.6	83.4	88.9	92.8	94.6	96.1	96.5	97.2	98.6	98.6	98.9	99.0	99.2	99.9
≥ 0	59.4	76.2	80.6	83.4	88.9	92.8	94.6	96.1	96.5	97.2	98.6	98.6	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923
STATION

LOPING AFB ME
STATION NAME

7J-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1923-1100
DOGS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	36.3	39.6	43.1	46.5	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	42.7	46.6	47.1	47.6	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 18000	42.7	47.3	47.8	48.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 16000	42.7	47.2	47.8	48.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 14000	43.1	47.8	48.4	49.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 12000	43.9	48.7	49.2	50.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	45.9	51.3	51.9	52.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	46.2	52.0	52.7	53.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000	48.9	55.5	56.1	57.0	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7000	50.4	57.6	58.3	59.2	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 6000	53.8	58.3	58.9	59.9	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 5000	51.3	59.1	59.8	60.8	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4500	51.3	59.2	60.0	61.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	52.8	61.2	62.4	63.5	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3500	54.6	63.8	64.8	66.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3000	58.4	68.5	69.7	71.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2500	62.5	72.9	74.1	75.5	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	64.6	75.7	77.1	79.0	81.6	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	64.9	76.1	77.5	79.5	82.0	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	66.6	78.0	79.5	81.4	84.1	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	67.3	79.1	80.9	83.0	85.9	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	68.7	80.8	82.6	84.7	87.7	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 900	68.6	81.6	83.4	85.7	88.8	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	69.5	83.0	84.8	87.1	90.4	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	70.3	84.2	86.1	88.4	91.7	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	70.6	85.1	87.1	89.4	92.9	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	73.9	85.9	88.0	90.4	94.6	95.5	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	71.1	86.2	88.4	91.3	95.6	97.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	71.1	86.3	88.5	91.4	95.8	97.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	71.1	86.3	88.5	91.4	95.9	98.0	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	71.1	86.3	88.5	91.4	95.9	98.0	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	71.1	86.3	88.5	91.4	95.9	98.0	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623

LORING AFB ME

70-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	35.4	39.1	39.2	39.2	39.6	39.6	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	42.1	46.5	46.6	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000	42.8	47.2	47.3	47.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 16000	43.0	47.4	47.5	47.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	43.4	48.0	48.1	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 12000	44.9	49.6	49.7	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 10000	46.5	51.3	51.4	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	47.7	52.6	52.7	52.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000	50.1	55.9	56.3	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 7000	51.7	58.1	58.6	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	52.9	59.5	60.0	60.5	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	54.7	61.5	62.0	62.6	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	55.6	62.6	63.1	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 4000	57.5	65.4	65.9	66.6	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3500	59.5	67.3	68.0	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3000	65.2	76.1	77.0	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	69.2	79.4	80.3	81.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	71.5	82.3	83.3	84.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	71.5	82.3	83.3	84.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	72.9	84.6	85.7	87.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	74.0	85.9	87.2	88.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	74.7	87.3	88.5	91.0	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	75.3	87.8	89.4	91.5	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	75.6	89.0	90.8	93.0	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	76.1	89.4	91.5	93.9	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	76.3	89.7	91.9	94.3	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	76.5	89.8	92.2	94.5	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	76.5	89.8	92.3	94.6	98.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	76.5	89.8	92.3	94.6	98.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.5	89.8	92.3	94.6	98.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.5	89.8	92.3	94.6	98.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.5	89.8	92.3	94.6	98.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23

LOPING AFB ME

70-70

AGE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
JAN 1971

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	40.0	43.3	43.8	43.8	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	47.5	51.5	52.1	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	48.8	52.9	53.3	53.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	48.9	53.1	53.4	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	49.9	54.1	54.5	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	51.3	55.8	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	53.4	58.1	58.7	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	54.0	58.5	59.2	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	56.1	61.4	62.3	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 7000	58.1	64.0	65.2	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	59.2	65.4	66.6	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5000	61.0	67.2	68.6	68.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	62.3	68.6	70.0	70.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	64.3	71.6	73.2	73.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	67.8	75.3	76.9	77.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000	72.2	80.2	82.0	82.3	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	73.9	82.7	84.5	84.7	86.5	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	74.7	84.1	85.9	86.1	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	74.7	84.1	85.9	86.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	76.1	86.6	88.7	89.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	76.5	87.7	90.1	90.4	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	76.7	88.2	90.6	91.5	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	76.9	88.4	90.8	91.8	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	77.2	88.9	91.4	92.6	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	77.6	89.7	92.2	93.3	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	77.6	89.8	92.3	93.4	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	77.6	90.2	92.7	93.9	96.9	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	77.7	90.4	92.9	94.1	97.2	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	77.7	90.4	92.9	94.1	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	77.7	90.4	92.9	94.1	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	77.7	90.4	92.9	94.1	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	77.7	90.4	92.9	94.1	97.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	34.7	48.6	49.2	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	38.9	56.6	57.3	57.6	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	39.7	57.3	58.1	58.4	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	39.8	57.4	58.2	58.5	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	40.3	59.1	59.8	61.1	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	42.3	60.9	61.7	62.3	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	43.2	63.0	63.9	64.4	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	43.5	63.8	64.6	65.2	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	44.4	65.3	66.3	66.9	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	45.2	66.9	68.2	68.7	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	46.3	68.5	69.8	70.3	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	47.1	70.1	71.4	71.9	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	48.1	71.8	73.2	73.8	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	50.4	75.3	76.7	77.4	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	51.8	77.4	78.8	79.8	80.8	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	53.2	79.9	81.3	82.4	83.5	84.2	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	54.4	82.2	83.8	84.8	86.1	86.8	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	54.9	83.1	84.8	85.9	87.3	88.0	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	55.1	83.2	85.1	86.1	87.5	88.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	55.8	84.3	86.5	87.5	89.2	90.0	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	56.1	85.3	87.5	88.6	90.3	91.2	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	56.1	86.3	88.9	90.2	92.7	93.5	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	56.1	86.5	89.3	90.4	92.9	93.8	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	56.2	87.1	89.8	91.3	94.1	94.9	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	56.2	87.1	89.8	91.4	94.3	95.3	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	56.2	87.1	89.9	91.5	94.7	95.7	96.9	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	56.2	87.3	90.4	92.2	95.5	96.5	97.8	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	56.2	87.3	90.5	92.4	95.7	96.8	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	56.2	87.3	90.5	92.4	95.7	96.8	98.5	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	56.2	87.3	90.5	92.4	95.8	96.9	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.2	87.3	90.5	92.4	95.8	96.9	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.2	87.3	90.5	92.4	95.8	96.9	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14/23
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	19.9	54.0	54.5	55.0	55.2	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.7
≥ 20000	20.8	59.0	59.6	60.3	60.7	60.7	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1
≥ 18000	20.8	59.1	59.7	60.4	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.2
≥ 16000	20.8	59.1	59.7	60.4	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.2
≥ 14000	20.9	59.5	60.2	60.8	61.2	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
≥ 12000	21.0	61.1	61.8	62.4	62.9	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.6
≥ 10000	21.5	62.6	63.3	63.9	64.4	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.1
≥ 9000	21.5	63.2	63.8	64.5	64.9	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.7
≥ 8000	22.7	67.6	68.6	69.2	69.6	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.4
≥ 7000	22.8	68.6	69.5	70.2	70.6	70.9	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.4
≥ 6000	23.0	69.6	70.5	71.3	71.9	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.7
≥ 5000	23.5	70.7	71.9	72.6	73.1	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.8
≥ 4500	23.7	71.2	72.3	73.1	73.6	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4
≥ 4000	24.3	73.7	75.7	75.8	76.5	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.6
≥ 3500	24.5	74.9	76.3	77.5	78.4	78.7	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.4
≥ 3000	24.5	76.5	78.4	80.3	81.4	81.8	82.1	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0
≥ 2500	25.0	77.7	79.7	81.6	82.7	83.2	83.5	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4
≥ 2000	25.0	78.7	80.5	82.6	83.6	84.3	84.7	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.7
≥ 1800	25.0	78.6	80.9	83.0	84.1	84.7	85.1	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.1
≥ 1500	25.3	79.5	82.5	84.1	85.6	86.2	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7
≥ 1200	25.6	80.7	83.2	85.3	86.8	87.4	87.9	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9
≥ 1000	25.6	81.3	84.0	86.1	87.6	88.3	88.9	89.7	89.8	89.8	89.8	89.8	89.8	89.9	90.0	90.1
≥ 900	25.7	81.8	84.5	86.7	89.3	88.9	89.6	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.6	90.7
≥ 800	25.7	82.5	85.4	87.6	89.2	89.9	90.5	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.6	91.7
≥ 700	25.7	82.6	85.5	87.7	89.5	90.3	91.1	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.1	92.2
≥ 600	25.8	83.2	86.4	88.7	90.6	91.7	92.5	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.8	93.9
≥ 500	25.8	83.6	86.9	89.1	91.5	92.7	93.4	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.8	94.9
≥ 400	25.8	83.7	87.2	89.5	92.1	93.4	94.5	95.8	95.9	96.7	96.0	96.0	96.1	96.1	96.2	96.3
≥ 300	25.8	83.7	87.2	89.5	92.1	93.6	95.2	96.8	97.2	97.5	97.5	97.6	97.7	97.7	97.8	98.0
≥ 200	25.8	83.7	87.2	89.6	92.2	93.9	95.6	97.6	98.5	98.8	98.8	98.8	99.0	99.1	99.2	99.4
≥ 100	25.8	83.7	87.2	89.6	92.2	94.1	95.9	98.0	98.8	99.1	99.1	99.4	99.5	99.6	99.7	99.8
0	25.8	83.7	87.2	89.6	92.2	94.1	95.9	98.0	98.8	99.1	99.1	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

76-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	36.2	45.1	45.8	47.2	47.7	47.9	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3
≥ 20000	34.0	51.8	52.6	53.1	53.8	54.0	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.7
≥ 18000	34.5	52.4	53.2	53.7	54.4	54.6	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.3
≥ 16000	34.5	52.5	53.3	53.8	54.5	54.7	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.4
≥ 14000	34.9	53.2	54.1	54.6	55.3	55.5	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.3
≥ 12000	35.8	54.6	55.5	56.1	56.9	57.1	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.8
≥ 10000	37.2	56.9	57.8	58.5	59.4	59.6	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.4
≥ 9000	37.5	57.5	58.4	59.1	60.0	60.2	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.9	60.9	61.0
≥ 8000	37.1	60.3	61.4	62.1	63.2	63.4	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.2
≥ 7000	40.2	62.0	63.3	64.0	65.1	65.4	65.7	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.2
≥ 6000	40.8	63.0	64.4	65.2	66.2	66.5	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.3
≥ 5000	41.8	64.5	65.9	66.7	67.8	68.1	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.9	69.0
≥ 4500	42.3	65.3	66.7	67.3	68.7	69.0	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.8
≥ 4000	43.6	67.8	69.4	70.2	71.5	71.8	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.7	72.8
≥ 3500	44.9	69.8	71.5	72.5	73.9	74.2	74.6	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.1	75.2
≥ 3000	47.3	73.4	75.3	76.5	78.1	78.5	79.0	79.3	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.7
≥ 2500	48.9	75.6	77.6	78.8	80.5	81.0	81.5	81.9	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.3
≥ 2000	49.7	77.5	79.2	80.5	82.4	82.9	83.5	83.9	83.9	84.1	84.1	84.1	84.1	84.2	84.3	84.4
≥ 1800	49.8	77.2	79.4	80.8	82.7	83.3	83.9	84.3	84.3	84.5	84.5	84.5	84.5	84.6	84.7	84.8
≥ 1500	50.7	78.7	81.0	82.4	84.5	85.2	85.8	86.2	86.3	86.4	86.5	86.5	86.5	86.6	86.7	86.8
≥ 1200	51.1	79.7	82.1	83.6	85.8	86.5	87.3	87.7	87.8	87.9	88.0	88.0	88.0	88.1	88.2	88.3
≥ 1000	51.5	80.7	83.2	84.9	87.4	88.2	89.0	89.5	89.6	89.8	89.8	89.8	89.8	89.9	90.0	90.1
≥ 900	51.8	81.1	83.6	85.4	88.0	88.7	89.6	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.7
≥ 800	52.1	81.9	84.5	86.4	89.2	90.1	90.9	91.4	91.5	91.7	91.8	91.8	91.8	91.9	91.9	92.1
≥ 700	52.3	82.3	85.1	86.9	89.8	90.8	91.7	92.2	92.4	92.5	92.6	92.6	92.7	92.7	92.8	92.9
≥ 600	52.4	82.9	85.8	87.6	90.7	91.8	92.7	93.3	93.5	93.7	93.7	93.7	93.8	93.9	93.9	94.0
≥ 500	52.5	83.4	86.5	88.3	91.8	93.1	94.2	95.0	95.2	95.3	95.4	95.4	95.5	95.5	95.6	95.7
≥ 400	52.5	83.6	86.9	89.0	92.6	94.1	95.4	96.3	96.6	96.6	96.6	96.6	96.9	96.9	97.0	97.2
≥ 300	52.5	83.7	87.1	89.3	93.0	94.7	96.2	97.3	97.7	98.1	98.4	98.4	98.5	98.5	98.7	98.8
≥ 200	52.5	83.7	87.1	89.3	93.1	94.9	96.4	97.6	98.2	98.6	99.0	99.1	99.2	99.3	99.4	99.6
≥ 100	52.5	83.7	87.1	89.3	93.1	94.9	96.4	97.7	98.2	98.7	99.1	99.2	99.4	99.5	99.7	99.9
≥ 0	52.5	83.7	87.1	89.3	93.1	94.9	96.4	97.7	98.2	98.7	99.1	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LOPING AFB ME

STATION NAME

73-79

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	19.3	48.2	48.6	48.6	49.3	49.7	49.8	49.9	50.0	50.2	50.3	50.3	50.4	50.4	50.4	50.4
≥ 20000	19.7	50.3	50.7	50.7	51.4	51.9	52.0	52.1	52.2	52.4	52.6	52.6	52.7	52.7	52.7	52.7
IV 18000	20.0	50.8	51.1	51.1	51.9	52.3	52.4	52.6	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1
IV 16000	20.0	50.8	51.1	51.1	51.9	52.3	52.4	52.6	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1
IV 14000	20.1	51.1	51.4	51.4	52.2	52.7	52.8	52.9	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4
IV 12000	20.3	52.4	52.8	52.8	53.6	54.3	54.1	54.2	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8
IV 10000	21.0	54.1	54.4	54.4	55.2	55.7	55.8	55.9	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.4
IV 9000	21.3	55.1	55.4	55.4	56.2	56.7	56.8	56.9	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.4
IV 8000	23.1	59.7	60.0	60.0	60.8	61.2	61.3	61.4	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0
IV 7000	23.4	61.2	61.6	61.6	62.3	62.9	63.2	63.3	63.4	63.7	63.8	63.8	63.9	63.9	63.9	63.9
IV 6000	23.8	62.9	63.2	63.2	64.2	64.8	65.1	65.2	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.8
IV 5000	24.2	65.0	65.3	65.3	66.3	66.9	67.2	67.3	67.4	67.7	67.8	67.8	67.9	67.9	67.9	67.9
IV 4500	24.4	65.8	66.1	66.1	67.1	67.7	68.0	68.1	68.2	68.4	68.6	68.6	68.7	68.7	68.7	68.7
IV 4000	26.6	70.9	71.6	71.7	72.7	73.2	73.7	73.8	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3
IV 3500	27.0	72.9	73.6	73.7	74.7	75.2	75.7	75.8	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3
IV 3000	28.0	76.0	76.8	77.0	78.0	78.6	79.0	79.1	79.2	79.4	79.6	79.6	79.7	79.7	79.7	79.7
IV 2500	28.6	77.0	77.8	78.1	79.1	79.7	80.1	80.2	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.8
IV 2000	28.8	78.1	79.1	79.4	80.4	81.0	81.4	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.1
IV 1800	28.8	78.2	79.2	79.6	80.6	81.1	81.6	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2
IV 1500	28.8	79.9	81.1	81.6	82.7	83.3	83.9	84.0	84.1	84.3	84.4	84.4	84.6	84.6	84.6	84.6
IV 1200	28.8	80.9	82.3	82.8	84.1	84.8	85.3	85.4	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0
IV 1000	28.9	81.3	82.9	83.3	84.7	85.3	86.1	86.2	86.3	86.6	86.8	86.8	86.9	86.9	86.9	86.9
IV 900	29.9	81.7	83.3	83.7	85.0	85.7	86.4	86.6	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.2
IV 800	29.0	82.7	84.2	84.7	86.4	87.2	88.0	88.1	88.2	88.4	88.7	88.7	88.8	88.8	88.8	88.8
IV 700	29.0	83.2	85.0	85.8	87.9	88.7	89.6	89.7	89.6	90.0	90.2	90.2	90.3	90.3	90.3	90.3
IV 600	29.0	83.9	85.8	86.6	88.8	89.0	90.4	90.6	90.7	90.9	91.1	91.1	91.2	91.2	91.2	91.2
IV 500	29.2	85.6	88.0	88.9	91.7	92.7	93.6	93.7	93.8	94.0	94.2	94.2	94.3	94.3	94.3	94.3
IV 400	29.2	85.9	88.3	89.2	92.6	93.8	94.9	95.1	95.2	95.4	95.7	95.7	95.8	95.8	95.8	95.8
IV 300	29.2	86.2	89.0	90.0	93.9	95.3	96.6	97.1	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8
IV 200	29.2	86.2	89.0	90.0	94.0	95.6	96.9	97.8	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1
IV 100	29.2	86.3	89.1	90.1	94.1	95.7	97.0	97.9	98.7	99.1	99.4	99.4	99.6	99.7	99.8	99.8
IV 0	29.2	86.3	89.1	90.1	94.1	95.7	97.0	97.9	98.7	99.2	99.6	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	22.1	43.3	43.4	43.6	43.8	43.9	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.6	44.9	45.2
≥ 20000	22.3	45.1	45.3	45.6	45.8	46.0	46.4	46.6	46.6	46.7	46.7	46.7	46.7	46.8	47.1	47.4
≥ 18000	22.4	45.3	45.7	45.9	46.1	46.3	46.3	46.9	46.9	47.0	47.0	47.0	47.0	47.1	47.4	47.8
≥ 16000	22.4	45.3	45.7	45.9	46.1	46.3	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.1	47.4	47.8
≥ 14000	22.6	45.6	45.9	46.1	46.4	46.7	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.4	47.8	48.1
≥ 12000	22.7	46.1	46.4	46.7	47.0	47.2	47.7	47.8	47.8	47.9	47.9	47.9	47.9	48.0	48.3	48.7
≥ 10000	23.6	48.1	48.4	48.7	49.0	49.2	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.1	50.4	50.9
≥ 9000	24.4	49.4	49.8	50.0	50.3	50.6	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.8	52.1
≥ 8000	27.1	53.2	53.7	53.9	54.2	54.4	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.7	56.0
≥ 7000	27.2	54.3	54.8	55.0	55.6	55.8	56.7	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.3	57.7
≥ 6000	28.1	55.9	56.3	56.6	57.1	57.3	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.5	58.9	59.2
≥ 5000	29.1	58.8	59.2	59.4	60.0	60.2	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.8	62.1
≥ 4500	29.4	59.7	60.1	60.3	60.9	61.1	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.7	63.0
≥ 4000	30.8	63.6	64.0	64.2	64.8	65.0	65.9	66.0	66.0	66.1	66.1	66.2	66.2	66.3	66.7	67.0
≥ 3500	32.1	66.6	67.1	67.4	68.1	68.3	69.2	69.3	69.3	69.4	69.4	69.6	69.6	69.7	70.0	70.3
≥ 3000	33.4	69.4	70.3	70.8	71.4	71.7	72.6	72.8	72.8	72.9	73.0	73.1	73.1	73.2	73.6	73.9
≥ 2500	33.9	70.9	71.7	72.2	73.0	73.2	74.1	74.3	74.3	74.4	74.6	74.7	74.7	74.8	75.1	75.4
≥ 2000	34.0	71.8	72.6	73.2	74.1	74.3	75.2	75.4	75.4	75.6	75.7	75.8	75.8	75.9	76.2	76.6
≥ 1800	34.1	72.2	73.1	73.8	74.7	74.9	75.8	76.0	76.0	76.1	76.2	76.3	76.3	76.4	76.8	77.1
≥ 1500	34.6	74.1	75.4	76.2	77.1	77.3	78.2	78.4	78.4	78.6	78.7	78.8	78.8	78.9	79.2	79.6
≥ 1200	34.7	75.2	76.7	77.4	78.4	78.7	79.6	79.9	79.9	80.0	80.1	80.2	80.2	80.3	80.7	81.0
≥ 1000	35.1	76.2	77.7	78.4	79.6	79.8	81.1	81.4	81.4	81.6	81.7	81.8	81.8	81.9	82.2	82.6
≥ 900	35.1	75.6	78.1	78.9	80.0	80.3	81.7	82.0	82.0	82.1	82.2	82.3	82.3	82.4	82.8	83.1
≥ 800	35.2	77.7	79.6	80.3	81.7	82.0	83.3	83.7	83.7	83.8	83.9	84.0	84.0	84.1	84.4	84.8
≥ 700	35.2	78.1	80.0	80.8	82.1	82.4	83.8	84.1	84.1	84.2	84.3	84.4	84.4	84.6	84.9	85.2
≥ 600	35.2	79.8	81.8	82.6	84.1	84.7	86.0	86.3	86.3	86.4	86.6	86.7	86.7	86.8	87.1	87.4
≥ 500	35.2	81.1	83.8	84.7	86.3	87.1	89.0	89.4	89.4	89.6	89.7	89.8	89.8	89.9	90.2	90.6
≥ 400	35.3	81.3	84.3	85.3	87.9	89.0	91.6	92.6	92.6	92.7	92.9	93.0	93.0	93.1	93.4	93.9
≥ 300	35.3	81.9	85.2	86.2	88.9	90.2	93.1	94.8	94.8	94.9	95.1	95.2	95.2	95.4	95.8	96.2
≥ 200	35.3	82.0	85.2	86.4	89.2	90.8	94.2	96.4	96.4	96.7	96.9	97.3	97.4	97.4	97.7	98.4
≥ 100	35.3	82.0	85.2	86.4	89.2	90.9	94.3	96.8	97.0	97.3	98.0	98.2	98.2	98.4	98.8	99.2
≥ 0	35.3	82.0	85.2	86.4	89.2	90.9	94.3	96.8	97.0	97.3	98.0	98.2	98.2	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

70-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3630-5830
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	35.9	39.1	39.3	39.7	40.2	40.4	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.0
≥ 20000	38.7	41.6	42.1	42.4	43.0	43.2	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.8
≥ 18000	38.4	42.7	42.6	42.9	43.4	43.7	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.3
≥ 16000	38.4	42.7	42.6	42.9	43.4	43.7	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.3
≥ 14000	39.1	42.6	43.1	43.4	44.0	44.4	44.4	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.1
≥ 12000	39.2	42.9	43.4	43.6	44.3	44.8	44.8	45.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.4
≥ 10000	43.7	47.7	48.2	48.7	49.3	49.8	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.4
≥ 9000	44.9	48.9	49.4	50.0	50.7	51.1	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.9
≥ 8000	47.2	51.7	52.2	52.8	53.9	54.3	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.2
≥ 7000	48.6	53.6	54.1	54.7	55.9	56.4	56.7	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.4
≥ 6000	49.4	54.6	55.1	55.7	56.9	57.4	57.7	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.4
≥ 5000	51.7	57.1	58.1	58.7	59.9	60.4	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.6
≥ 4500	52.1	57.4	58.4	59.1	60.3	60.9	61.2	61.4	61.6	61.6	61.7	61.7	61.8	61.8	61.8	62.1
≥ 4000	53.7	60.1	61.4	62.1	63.6	64.1	64.6	64.8	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.4
≥ 3500	55.9	62.6	63.9	64.7	66.3	66.9	67.3	67.6	67.7	67.7	67.8	67.8	67.9	67.9	67.9	68.2
≥ 3000	58.2	65.7	67.1	67.9	69.6	70.2	70.8	71.1	71.2	71.2	71.3	71.4	71.6	71.6	71.6	71.9
≥ 2500	59.4	67.3	68.9	69.7	71.4	72.2	72.8	73.1	73.2	73.2	73.3	73.4	73.6	73.6	73.6	73.9
≥ 2000	60.4	69.1	70.8	71.7	73.4	74.2	74.8	75.1	75.2	75.2	75.3	75.4	75.6	75.6	75.6	75.9
≥ 1800	60.6	69.3	71.0	71.9	73.7	74.4	75.0	75.3	75.4	75.4	75.6	75.7	75.8	75.8	75.9	76.1
≥ 1500	61.8	71.3	73.1	74.0	75.9	76.7	77.2	77.8	77.9	77.9	78.0	78.1	79.2	78.2	78.2	78.6
≥ 1200	62.8	72.8	74.4	75.4	77.6	78.3	78.9	79.4	79.6	79.6	79.7	79.8	79.9	79.9	79.9	80.2
≥ 1000	63.8	73.7	75.7	76.8	78.9	79.8	80.6	81.1	81.2	81.2	81.3	81.4	81.6	81.6	81.6	81.9
≥ 900	63.9	73.9	76.3	77.4	79.8	80.9	81.8	82.3	82.4	82.4	82.6	82.7	82.8	82.8	82.8	83.1
≥ 800	64.4	74.7	77.3	78.4	81.0	82.3	83.2	83.6	83.9	83.9	84.0	84.1	84.2	84.2	84.2	84.6
≥ 700	64.8	75.8	78.4	79.8	82.7	84.0	84.9	85.6	85.7	85.7	85.8	85.9	86.0	86.0	86.0	86.3
≥ 600	65.2	77.0	79.9	81.3	84.4	85.8	86.7	87.3	87.6	87.6	87.7	87.8	87.9	87.9	87.9	88.2
≥ 500	65.3	78.0	81.4	83.1	86.7	88.1	89.3	90.2	90.6	90.6	90.7	90.8	90.9	90.9	90.9	91.2
≥ 400	65.7	78.9	82.8	84.7	88.8	90.4	91.9	92.9	93.2	93.3	93.4	93.7	93.9	93.9	93.9	94.2
≥ 300	65.8	79.0	83.1	85.1	89.9	91.5	93.4	95.2	95.8	96.0	96.1	96.3	96.6	96.6	96.6	96.9
≥ 200	65.8	79.0	83.1	85.1	90.3	92.7	94.4	96.4	97.0	97.3	97.6	97.6	98.0	98.1	98.1	98.6
≥ 100	65.8	79.0	83.1	85.1	90.3	92.7	94.4	96.6	97.1	97.4	97.8	98.0	98.3	98.6	98.7	99.3
≥ 0	65.8	79.0	83.1	85.1	90.3	92.7	94.4	96.6	97.1	97.4	97.8	98.0	98.3	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	33.2	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20000	36.9	38.4	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	37.7	39.3	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 16000	37.7	39.3	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 14000	36.7	40.3	41.1	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 12000	39.1	41.0	41.8	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 10000	42.2	44.2	45.0	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 9000	42.6	44.7	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 8000	45.9	48.8	49.6	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 7000	47.8	51.0	51.9	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 6000	48.3	51.7	52.8	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 5000	49.6	52.9	54.1	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 4500	50.3	53.7	54.9	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4000	51.8	55.9	57.1	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2
≥ 3500	54.9	59.1	60.3	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4
≥ 3000	59.1	64.6	65.9	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
≥ 2500	53.1	69.4	70.8	71.7	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6
≥ 2000	65.9	72.4	73.9	74.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
≥ 1800	66.8	73.3	74.8	75.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.9	76.9	76.9
≥ 1500	69.2	76.3	77.8	78.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3
≥ 1200	70.4	78.4	80.1	81.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
≥ 1000	71.6	80.3	82.3	83.4	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
≥ 900	72.6	82.2	84.2	85.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
≥ 800	73.7	84.0	86.2	87.4	89.0	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7
≥ 700	73.7	84.8	87.4	88.9	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2
≥ 600	73.7	84.9	87.8	89.4	91.4	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 500	73.9	85.9	89.1	91.1	93.4	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
≥ 400	74.0	86.3	89.9	92.3	94.8	96.0	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 300	74.0	86.4	90.0	92.9	95.6	97.1	98.1	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 200	74.0	86.4	90.0	92.9	95.7	97.3	98.3	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	74.0	86.4	90.0	92.9	95.7	97.3	98.3	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 0	74.0	86.4	90.0	92.9	95.7	97.3	98.3	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME

STATION NAME

76-79

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	34.3	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 20000	38.7	39.6	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 18000	39.4	40.3	40.4	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 16000	39.6	40.4	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 14000	39.7	40.9	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 12000	41.0	42.4	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 10000	44.8	46.4	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 9000	45.1	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 8000	47.6	49.6	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 7000	49.3	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 6000	49.9	52.8	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 5000	50.9	53.9	54.7	54.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 4500	51.8	54.9	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 4000	54.4	58.9	59.7	59.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 3500	57.6	62.4	62.7	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 3000	53.9	69.8	70.0	70.0	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 2500	69.3	76.0	76.6	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2000	73.3	80.9	81.6	81.6	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 1800	73.9	81.4	82.2	82.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1500	75.7	84.1	85.1	85.2	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1200	76.7	85.7	86.8	86.9	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1000	77.8	87.0	89.2	89.6	90.8	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 900	78.3	89.0	90.2	90.6	92.0	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 800	78.8	90.4	91.7	92.0	93.6	94.0	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 700	79.1	91.2	92.5	93.0	94.7	95.1	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	79.1	91.6	93.1	93.8	95.6	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 500	79.1	92.0	93.7	94.4	96.6	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	79.1	92.0	93.7	94.6	97.0	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	79.1	92.0	93.7	94.6	97.2	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	79.1	92.0	93.7	94.6	97.2	98.3	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	79.1	92.0	93.7	94.6	97.2	98.3	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	79.1	92.0	93.7	94.6	97.2	98.3	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

75-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES):															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	42.4	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	42.9	44.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	43.6	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 14000	44.0	45.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 12000	45.6	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000	49.1	50.8	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	49.8	51.8	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	54.1	55.2	55.7	56.7	56.7	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	56.1	58.3	58.9	58.9	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 6000	57.1	59.7	60.4	60.6	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 5000	59.2	61.9	62.7	62.9	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	59.9	62.7	63.4	63.7	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4000	64.2	67.4	68.2	68.6	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3500	67.1	70.6	71.4	71.8	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3000	71.6	75.2	76.1	76.4	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500	74.2	79.7	80.7	81.2	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	75.6	81.7	82.7	83.3	84.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	76.1	82.4	83.4	84.1	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	77.3	84.6	85.6	86.4	87.2	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	78.4	85.9	87.0	88.0	89.4	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	78.8	86.6	87.8	88.6	90.4	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	78.9	86.8	88.0	89.0	90.8	91.1	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	78.9	87.1	88.8	89.9	91.9	92.2	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	78.9	87.3	89.4	90.6	92.8	93.1	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	79.2	88.3	90.6	91.9	94.3	94.8	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	79.3	88.6	90.9	92.3	95.3	95.9	96.7	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 400	79.4	88.8	91.3	92.8	95.8	96.3	97.2	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	79.4	88.8	91.3	92.8	96.0	96.6	97.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 200	79.4	88.8	91.3	92.8	96.0	96.6	97.7	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100	79.4	88.8	91.3	92.8	96.0	96.6	97.7	99.1	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	79.4	88.8	91.3	92.8	96.0	96.6	97.7	99.1	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523
STATION

LGRING AFB ME
STATION NAME

70-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	25.1	43.9	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	27.0	47.2	47.4	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000	27.3	47.6	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000	27.3	47.6	48.1	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000	28.1	48.5	48.8	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	28.8	50.0	50.2	50.4	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	30.2	52.7	52.9	53.1	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 9000	30.8	53.8	54.0	54.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	32.9	59.2	59.4	59.7	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 7000	33.6	60.7	60.9	61.3	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 6000	34.2	61.8	62.0	62.4	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 5000	36.0	64.1	64.3	64.6	65.0	65.3	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8
≥ 4500	37.1	65.3	65.7	66.4	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2
≥ 4000	39.1	70.2	70.8	71.6	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6
≥ 3500	40.2	72.8	73.3	74.1	74.8	75.3	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2
≥ 3000	42.2	76.7	77.2	78.1	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6
≥ 2500	43.6	79.9	80.6	81.4	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1
≥ 2000	44.3	81.9	82.8	83.8	85.2	85.4	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
≥ 1800	44.4	82.7	83.6	84.7	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8
≥ 1500	44.7	83.2	84.7	85.9	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 1200	44.7	84.2	85.2	86.6	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
≥ 1000	44.9	85.2	86.4	87.8	89.8	90.3	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6
≥ 900	44.9	85.4	86.7	88.0	90.1	90.3	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
≥ 800	45.0	86.1	87.7	89.0	91.1	91.4	91.9	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6
≥ 700	45.0	86.6	88.3	89.7	91.9	92.3	92.8	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 600	45.0	86.8	88.9	90.2	92.8	93.4	94.0	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
≥ 500	45.1	87.3	90.0	91.3	94.3	95.1	95.8	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
≥ 400	45.1	87.9	90.9	92.2	95.7	96.4	97.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	45.1	88.0	91.0	92.4	96.1	97.0	97.8	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	45.1	88.0	91.0	92.4	96.1	97.0	97.8	98.6	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	45.1	88.0	91.0	92.4	96.1	97.0	97.8	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.8	99.8
0	45.1	88.0	91.0	92.4	96.1	97.0	97.8	98.8	99.1	99.3	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	20.5	49.2	57.1	50.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	20.8	51.7	52.7	52.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	20.8	51.7	52.7	52.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	20.8	51.9	52.2	52.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
W 14000	20.8	52.2	52.6	53.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
W 12000	21.0	53.2	53.6	54.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
W 10000	22.3	55.2	55.6	56.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
W 9000	22.4	56.0	56.3	56.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
W 8000	23.7	59.4	59.8	60.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
W 7000	24.0	60.7	61.1	61.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
W 6000	24.5	62.3	62.8	63.2	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
W 5000	25.3	64.9	65.3	65.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
W 4500	26.2	65.6	66.2	66.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
W 4000	28.1	70.1	70.3	71.2	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
W 3500	26.6	72.1	72.9	73.3	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
W 3000	29.8	76.0	76.9	77.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
W 2500	29.8	78.2	79.2	79.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
W 2000	30.2	80.7	81.9	82.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
W 1800	30.2	80.8	82.2	82.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
W 1500	30.4	81.8	83.2	83.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
W 1200	30.6	82.8	84.4	85.2	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
W 1000	30.8	83.6	85.6	86.4	88.2	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
W 900	30.9	83.9	85.7	86.9	88.8	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
W 800	31.1	84.9	87.2	88.3	90.3	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
W 700	31.2	85.2	87.7	88.8	90.9	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
W 600	31.2	85.7	88.3	89.4	91.7	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
W 500	31.2	86.3	90.1	91.2	93.7	94.1	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
W 400	31.2	87.0	91.3	92.7	95.6	96.1	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
W 300	31.2	87.2	91.8	93.2	96.3	97.1	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
W 200	31.2	87.4	92.0	93.4	96.6	97.4	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 100	31.2	87.4	92.0	93.4	96.6	97.4	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 0	31.2	87.4	92.0	93.4	96.6	97.4	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023
STATION

LORING AFB ME
STATION NAME

76-79
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥	≥0
NO CEILING	23.6	41.5	41.9	42.0	42.3	42.4	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.7	42.8
≥ 20000	31.7	44.7	45.1	45.2	45.6	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.1
≥ 18000	31.1	45.2	45.6	45.7	46.1	46.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.6
≥ 16000	31.2	45.3	45.7	45.8	46.2	46.3	46.4	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.7
≥ 14000	31.6	45.8	46.2	46.4	46.6	46.9	47.0	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.3
≥ 12000	32.2	46.9	47.3	47.5	47.9	48.0	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.4
≥ 10000	34.6	49.9	50.3	50.5	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.5
≥ 9000	35.2	50.9	51.2	51.4	51.8	52.0	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4
≥ 8000	37.7	54.8	55.2	55.4	55.9	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.5
≥ 7000	38.8	56.5	56.9	57.2	57.7	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.5
≥ 6000	39.4	57.7	58.2	58.5	59.1	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 5000	40.8	59.6	60.4	60.7	61.3	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.2
≥ 4500	41.4	60.7	61.3	61.6	62.2	62.5	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.0
≥ 4000	43.6	64.6	65.4	65.8	66.5	66.7	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3
≥ 3500	45.4	67.4	68.2	68.6	69.3	69.6	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.2
≥ 3000	48.3	71.7	72.5	73.0	73.9	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.8
≥ 2500	50.2	74.8	75.8	76.3	77.3	77.5	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.3
≥ 2000	51.6	77.1	78.2	78.8	79.9	80.1	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.9
≥ 1800	51.8	77.6	78.7	79.3	80.4	80.7	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.5
≥ 1500	52.8	79.5	80.9	81.5	82.8	83.1	83.5	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.9
≥ 1200	53.4	80.7	82.1	82.9	84.4	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.6
≥ 1000	54.1	81.9	83.4	84.3	85.9	86.2	86.8	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.3
≥ 900	54.2	82.4	84.1	85.0	86.6	87.1	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.3
≥ 800	54.5	83.4	85.3	86.3	88.1	88.6	89.3	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.9	90.0
≥ 700	54.6	84.1	86.1	87.2	89.2	89.7	90.4	90.7	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.1
≥ 600	54.7	84.7	87.0	88.2	90.4	91.1	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.5
≥ 500	54.8	85.6	88.4	89.6	92.3	93.1	94.0	94.5	94.6	94.7	94.8	94.8	94.8	94.9	94.9	95.0
≥ 400	54.9	86.0	89.1	90.5	93.5	94.5	95.6	96.3	96.4	96.5	96.6	96.7	96.7	96.7	96.8	96.9
≥ 300	54.9	86.2	89.4	90.9	94.2	95.4	96.7	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.4
≥ 200	54.9	86.2	89.4	91.0	94.4	95.7	97.1	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	54.9	86.3	89.4	91.0	94.4	95.7	97.2	98.4	98.8	99.0	99.2	99.3	99.3	99.3	99.4	99.4
≥ 0	54.9	86.3	89.4	91.0	94.4	95.7	97.2	98.4	98.8	99.0	99.3	99.3	99.3	99.4	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023 LORING AFB ME

70-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-0250

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	18.7	42.6	43.7	45.1	45.1	43.1	43.1	43.1	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4
≥ 20000	18.7	44.3	44.7	44.8	44.8	44.3	44.8	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	18.7	44.4	44.8	44.9	44.9	44.9	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	18.7	44.5	44.8	44.9	44.9	44.9	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	18.7	44.8	45.3	45.4	45.4	45.4	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000	18.9	45.6	46.0	46.1	46.1	46.1	46.1	46.2	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	19.1	48.6	49.1	49.2	49.4	49.4	49.4	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000	20.3	48.8	49.4	49.5	49.6	49.6	49.6	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	22.3	51.4	51.9	52.0	52.2	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	22.8	53.9	54.4	54.5	54.6	54.6	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 6000	22.9	54.3	54.8	54.9	55.1	55.1	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 5000	23.3	55.9	56.5	56.6	56.7	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4500	24.2	56.9	57.4	57.5	57.6	57.6	57.6	57.7	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0
≥ 4000	25.5	62.0	62.8	62.9	63.2	63.2	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5
≥ 3500	27.7	66.2	67.0	67.3	67.6	67.6	67.6	67.7	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0
≥ 3000	29.9	71.3	72.5	72.8	73.1	73.1	73.1	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	30.8	74.1	75.4	75.7	76.0	76.0	76.0	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	30.3	75.7	77.6	78.3	78.8	78.9	78.9	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1800	30.9	76.5	78.7	79.6	80.1	80.2	80.2	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	31.5	76.7	81.2	82.5	83.1	83.2	83.3	83.4	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	31.9	80.0	82.5	83.8	84.6	84.8	84.9	85.1	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6
≥ 1000	32.2	80.4	82.9	84.2	85.1	85.3	85.4	85.5	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1
≥ 900	32.8	81.2	83.8	85.3	86.1	86.1	86.6	86.7	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3
≥ 800	32.9	82.0	84.7	86.2	87.2	87.8	88.1	88.3	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9
≥ 700	33.0	82.8	85.7	87.4	88.6	89.4	89.6	90.1	90.4	90.5	90.6	90.8	90.8	90.8	90.8	90.8
≥ 600	33.0	83.2	86.1	87.8	89.6	90.3	90.6	91.3	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9
≥ 500	33.1	84.2	87.4	89.2	91.4	92.3	92.5	93.6	94.1	94.2	94.3	94.4	94.5	94.5	94.6	94.6
≥ 400	33.1	84.4	87.7	89.6	91.7	92.7	93.7	94.5	94.9	95.1	95.2	95.3	95.4	95.4	95.5	95.5
≥ 300	33.1	84.6	88.4	90.3	92.7	93.7	94.7	96.0	96.6	96.8	97.0	97.1	97.3	97.3	97.4	97.4
≥ 200	33.1	84.6	88.5	90.5	93.3	94.3	95.4	97.0	97.6	98.0	98.2	98.3	98.7	98.8	98.9	99.1
≥ 100	33.1	84.6	88.5	90.5	93.3	94.3	95.4	97.1	97.7	98.1	98.4	98.5	99.0	99.4	99.6	99.9
≥ 0	33.1	84.6	88.5	90.5	93.3	94.3	95.4	97.1	97.7	98.1	98.4	98.5	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

70-79

CCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-3600
2045-2315

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	17.4	39.0	39.5	39.7	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.4	41.7
≥ 20000	16.0	41.0	41.6	41.7	43.1	43.1	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.5	43.9
≥ 18000	18.1	41.2	41.7	41.8	43.2	43.2	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.7	44.0
≥ 16000	18.1	41.4	41.9	42.1	43.4	43.4	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.9	44.2
≥ 14000	18.0	41.6	42.2	42.3	43.7	43.7	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.1	44.4
≥ 12000	18.2	41.8	42.4	42.5	43.9	43.9	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.3	44.6
≥ 10000	18.5	44.2	44.7	44.8	46.3	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8	47.1
≥ 9000	18.5	44.2	44.7	44.8	46.3	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8	47.1
≥ 8000	19.7	46.6	47.1	47.2	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	49.1	49.5
≥ 7000	19.9	47.3	47.8	48.0	49.5	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.9	50.2
≥ 6000	20.1	48.5	49.0	49.1	50.6	50.6	50.6	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.1	51.4
≥ 5000	20.2	49.6	50.1	50.2	51.7	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.2	52.5
≥ 4500	20.6	50.5	51.1	51.2	52.7	52.7	52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.1	53.4
≥ 4000	22.4	56.0	56.7	56.9	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.9	59.2
≥ 3500	24.0	60.0	60.8	61.1	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.2	63.5
≥ 3000	26.3	65.2	65.9	66.2	68.0	68.0	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.5	68.8
≥ 2500	28.2	68.9	69.7	70.0	71.7	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.3	72.6
≥ 2000	28.9	73.0	74.2	74.6	76.5	76.5	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	77.2	77.3
≥ 1800	29.5	73.2	75.4	75.8	77.8	77.8	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.4	78.7
≥ 1500	30.4	75.4	76.9	77.3	79.5	79.5	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.2	80.3
≥ 1200	37.6	76.5	78.2	78.9	81.3	81.3	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.9	82.3
≥ 1000	31.0	77.7	79.5	80.2	82.6	82.6	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.3	83.7
≥ 900	31.0	78.1	79.8	80.5	82.9	82.9	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.8	84.1
≥ 800	31.2	79.2	81.0	81.7	84.2	84.2	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	85.1	85.4
≥ 700	31.4	79.9	81.9	82.9	85.6	85.6	86.0	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.9	87.2
≥ 600	31.4	80.1	82.4	83.4	86.2	86.6	87.2	87.6	87.7	87.8	87.8	87.8	87.8	87.8	88.1	88.4
≥ 500	31.4	81.1	83.9	85.1	88.4	88.8	89.9	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.9	91.2
≥ 400	31.4	81.9	85.2	86.3	90.4	91.0	92.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.3	93.7
≥ 300	31.4	82.3	85.6	86.8	91.4	92.0	93.7	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.6	96.0
≥ 200	31.4	82.4	85.7	87.0	91.6	92.7	94.8	96.3	96.7	96.8	96.8	96.8	96.8	96.8	97.4	98.6
≥ 100	31.4	82.4	85.8	87.1	91.9	92.9	95.2	96.9	97.3	97.4	97.4	97.4	97.4	97.4	98.3	99.9
≥ 0	31.4	82.4	85.8	87.1	91.9	92.9	95.2	96.9	97.3	97.4	97.4	97.4	97.4	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1423 LORING AFB ME

70-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥.4
NO CEILING	31.8	31.5	34.6	34.8	35.3	35.6	35.8	35.9	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.5
≥20000	34.2	37.2	37.4	37.6	38.1	38.4	38.6	38.7	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.2
≥18000	34.6	37.6	37.8	38.1	38.5	38.8	39.0	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.7
≥16000	34.8	37.8	38.1	38.3	38.7	39.0	39.2	39.4	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.9
≥14000	35.3	38.3	38.5	38.7	39.1	39.5	39.7	39.8	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.3
≥12000	36.7	39.7	39.9	40.1	40.5	41.1	41.3	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.9
≥10000	38.2	41.4	41.6	41.9	42.4	42.9	43.1	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.8
≥9000	38.7	42.2	42.4	42.7	43.1	43.7	43.9	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.5
≥8000	42.2	46.3	46.6	46.9	47.3	47.8	48.2	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.8
≥7000	43.1	47.5	47.7	48.1	48.6	49.1	49.6	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.2
≥6000	43.9	48.5	48.7	49.1	49.6	50.1	50.5	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2
≥5000	44.7	49.4	49.6	49.9	50.4	51.0	51.4	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	52.0
≥4500	45.2	50.2	50.4	50.9	51.4	51.9	52.4	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.0
≥4000	48.7	54.4	54.9	55.4	55.9	56.5	56.9	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.5
≥3500	50.6	56.7	57.4	57.8	58.4	58.9	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.1
≥3000	55.7	62.5	63.3	63.8	64.4	64.9	65.5	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.2
≥2500	58.7	66.5	67.4	68.1	68.8	69.4	69.9	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.8
≥2000	61.7	70.2	71.4	72.0	72.8	73.3	74.0	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.9
≥1800	62.0	70.6	71.8	72.5	73.3	73.9	74.5	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥1500	63.2	72.2	73.4	74.1	74.9	75.5	76.3	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.3
≥1200	64.3	73.9	75.3	76.0	77.1	77.6	78.5	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.5
≥1000	65.1	75.4	77.1	78.0	79.5	80.0	80.9	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	82.0
≥900	65.3	75.7	77.4	78.3	79.9	80.6	81.6	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.8
≥800	65.4	76.0	78.1	79.0	80.9	81.6	82.6	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.8
≥700	65.9	76.6	78.6	79.6	81.4	82.4	83.3	83.8	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.8
≥600	65.9	76.9	79.1	80.3	82.6	83.6	84.9	85.4	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.6
≥500	66.0	77.7	80.3	81.9	85.4	86.7	88.2	88.7	89.1	89.7	89.7	89.7	89.7	89.7	89.7	90.2
≥400	66.2	78.3	81.2	82.9	86.9	88.3	90.0	90.5	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥300	66.2	78.3	81.4	83.2	87.6	89.8	91.7	92.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.9
≥200	66.2	78.3	81.4	83.2	87.6	90.2	92.3	93.2	94.5	96.0	96.2	96.5	96.6	96.8	97.1	98.3
≥100	66.3	78.4	81.5	83.3	87.7	90.4	92.5	93.4	94.7	96.2	96.5	96.8	97.2	97.5	98.0	99.9
≥0	66.3	78.4	81.5	83.3	87.7	90.4	92.5	93.4	94.7	96.2	96.5	96.8	97.2	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
CRAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1423 LOPING AFB ME

75-79

00

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1980-1989
HOURS 157

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15
NO CEILING	27.5	26.5	28.7	29.3	29.2	29.2	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 20000	30.8	31.5	32.7	32.5	32.8	32.8	32.8	32.8	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 18000	31.2	32.4	32.6	33.0	33.3	33.3	33.3	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 16000	31.2	32.4	32.6	33.0	33.3	33.3	33.3	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 14000	32.2	33.5	33.8	34.2	34.5	34.5	34.5	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 12000	33.3	34.9	35.3	35.7	36.0	36.0	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 10000	35.7	37.4	37.7	38.2	38.5	38.5	38.5	38.5	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 9000	36.2	38.0	38.3	38.7	39.0	39.0	39.0	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	39.9	41.7	42.0	42.5	42.9	42.9	43.0	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 7000	41.6	43.5	43.9	44.3	44.7	44.8	44.9	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 6000	42.5	44.5	44.8	45.3	45.7	45.8	45.9	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 5000	43.3	45.4	45.8	46.2	46.7	46.8	46.9	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 4500	43.8	46.0	46.5	46.9	47.3	47.4	47.5	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 4000	47.0	50.0	50.4	50.9	51.3	51.4	51.5	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 3500	50.0	53.1	53.7	54.2	54.6	54.7	54.8	54.8	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3000	51.2	59.6	60.1	60.8	61.2	61.3	61.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 2500	60.5	64.3	64.9	65.7	66.2	66.3	66.5	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2000	65.3	69.5	70.3	71.3	71.8	72.0	72.2	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1800	66.0	70.3	71.2	72.2	72.7	72.9	73.0	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1500	66.9	73.8	74.8	75.9	76.5	76.7	76.8	76.8	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200	70.5	76.5	77.5	78.7	79.4	79.6	79.7	79.7	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1000	72.4	78.7	79.8	81.0	81.7	81.9	82.0	82.2	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 900	73.0	79.4	80.4	81.6	82.5	82.9	83.0	83.1	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 800	73.9	81.1	82.2	83.4	84.5	85.2	85.3	85.4	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 700	74.5	82.4	83.7	85.2	86.3	87.2	87.3	87.4	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 600	74.6	83.3	84.6	86.5	88.0	88.9	89.2	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	74.6	84.0	85.8	88.4	90.5	91.7	92.7	93.2	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	74.6	84.3	86.2	88.8	91.7	93.2	94.7	95.5	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	74.8	84.6	86.8	89.5	92.7	94.4	96.7	97.8	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	74.8	84.6	86.8	89.5	92.7	94.4	96.7	98.0	98.2	98.9	99.1	99.2	99.2	99.2	99.2	99.4
≥ 100	74.8	84.6	86.8	89.5	92.7	94.4	96.8	98.1	98.3	99.0	99.4	99.5	99.7	99.7	99.7	100.0
≥ 0	74.8	84.6	86.8	89.5	92.7	94.4	96.8	98.1	98.3	99.0	99.4	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923 LORING AFB ME

76-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	27.7	29.9	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3
≥ 20000	31.1	33.4	33.5	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0
≥ 18000	31.1	33.5	33.7	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1
≥ 16000	31.4	33.9	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4
≥ 14000	32.6	35.2	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7
≥ 12000	33.5	36.3	36.5	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
≥ 10000	36.2	39.1	39.2	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7
≥ 9000	36.7	39.6	39.8	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2
≥ 8000	39.9	43.1	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7
≥ 7000	41.7	45.2	45.4	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8
≥ 6000	42.4	45.9	46.1	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6
≥ 5000	43.2	47.1	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7
≥ 4500	44.1	48.2	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
≥ 4000	49.0	53.8	54.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.1
≥ 3500	51.8	57.2	57.7	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
≥ 3000	58.9	64.6	65.2	65.5	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.6
≥ 2500	65.2	71.3	71.8	72.2	72.9	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2
≥ 2000	67.5	74.5	75.3	75.8	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9
≥ 1800	68.4	75.5	76.3	76.9	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.0
≥ 1500	71.7	79.7	80.9	81.4	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6
≥ 1200	73.0	81.7	82.9	83.5	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9
≥ 1000	74.1	83.9	85.3	85.9	87.2	87.5	87.6	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.3
≥ 900	74.9	85.6	87.1	87.7	89.1	89.5	89.6	89.8	89.8	89.8	90.1	90.1	90.2	90.2	90.2	90.3
≥ 800	75.1	86.1	87.8	88.6	90.0	90.3	90.5	90.8	90.8	90.8	91.2	91.2	91.3	91.3	91.3	91.4
≥ 700	75.3	87.2	88.9	89.8	91.6	92.0	92.3	92.6	92.6	92.6	93.1	93.1	93.2	93.2	93.2	93.3
≥ 600	75.3	87.6	89.6	90.4	92.4	92.9	93.1	93.5	93.5	93.5	94.1	94.2	94.3	94.3	94.3	94.4
≥ 500	75.5	88.3	90.2	91.3	93.8	94.4	95.3	95.8	95.8	95.8	96.3	96.5	96.6	96.7	96.7	96.8
≥ 400	75.6	88.5	90.4	91.5	94.1	94.7	95.9	96.7	96.9	96.9	97.4	97.5	97.6	97.7	97.7	97.8
≥ 300	75.6	88.5	90.4	91.5	94.5	95.3	96.6	97.5	97.7	97.7	98.3	98.4	98.6	98.7	98.7	98.8
≥ 200	75.6	88.5	90.4	91.5	94.5	95.3	96.7	97.7	98.0	98.0	98.5	98.8	99.1	99.4	99.4	99.5
≥ 100	75.6	88.5	90.4	91.5	94.5	95.3	96.7	98.0	98.2	98.2	98.7	99.0	99.4	99.7	99.7	99.8
≥ 0	75.6	88.5	90.4	91.5	94.5	95.3	96.7	98.0	98.2	98.2	98.7	99.0	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/KAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

70-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1523-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	32.2	35.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	36.2	39.8	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 18000	36.8	40.1	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 16000	36.7	40.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 14000	37.5	41.2	41.9	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 12000	38.2	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 10000	40.6	45.1	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000	41.2	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 8000	44.1	48.8	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 7000	46.3	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 6000	48.8	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 5000	49.4	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4500	51.9	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	54.6	61.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 3500	56.2	65.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 3000	62.7	70.8	71.9	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2500	66.2	75.1	76.2	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2000	68.1	77.4	78.7	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	68.3	77.8	79.2	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1500	73.9	81.6	83.7	83.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	71.5	82.8	84.2	85.2	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000	72.3	84.4	86.1	87.4	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	72.3	84.4	86.1	87.4	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	72.3	85.1	87.1	88.5	89.5	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 700	72.4	85.5	87.8	89.2	90.8	91.4	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	72.7	85.9	88.4	89.8	91.5	92.4	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	73.0	86.5	89.2	91.0	93.1	94.4	95.9	96.5	96.5	96.7	96.9	96.9	97.1	97.1	97.1	97.1
≥ 400	73.0	86.6	89.5	91.2	93.4	95.3	97.1	97.7	97.7	98.0	98.2	98.2	98.5	98.5	98.5	98.5
≥ 300	73.0	86.7	89.6	91.4	93.7	95.6	97.6	98.3	98.3	98.5	98.8	98.8	99.1	99.1	99.1	99.1
≥ 200	73.0	86.7	89.6	91.4	93.8	95.6	97.7	98.4	98.5	98.7	99.1	99.1	99.5	99.5	99.5	99.5
≥ 100	73.0	86.7	89.6	91.4	93.8	95.6	97.7	98.5	98.6	98.8	99.2	99.2	99.6	99.6	99.7	99.7
≥ 0	73.0	86.7	89.6	91.4	93.8	95.6	97.7	98.5	98.6	98.8	99.2	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

STATION NAME

75-79

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.10	≥.05	≥0
NO CEILING	17.4	41.5	41.7	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	19.5	45.1	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 18000	19.5	45.3	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000	19.5	45.3	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 14000	19.5	45.6	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	20.6	47.3	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 10000	21.4	50.0	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 9000	21.4	50.3	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 8000	22.3	52.9	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 7000	23.0	55.1	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000	23.1	55.4	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 5000	24.0	58.5	58.9	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500	25.1	63.9	61.3	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	27.2	65.9	66.3	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3500	28.7	69.5	73.0	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3000	31.2	73.4	74.1	74.7	74.8	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	33.2	77.1	77.6	78.4	78.6	78.7	79.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2000	33.5	79.2	79.8	80.9	81.2	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800	34.1	79.9	80.5	81.6	81.9	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	34.8	82.4	83.1	84.3	84.8	85.2	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	34.9	83.1	83.9	85.2	86.1	86.6	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	34.9	83.8	84.8	86.2	87.2	87.6	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	34.9	84.2	85.7	87.1	88.1	88.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	34.9	84.5	86.1	87.5	88.7	89.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	34.9	85.3	86.9	88.3	89.5	89.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	34.9	85.7	87.3	88.7	90.1	90.9	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	35.1	86.6	88.6	90.0	91.9	92.9	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	35.1	87.0	89.1	90.9	93.5	94.9	97.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3
≥ 300	35.1	87.0	89.2	91.0	93.9	95.4	97.6	98.7	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 200	35.1	87.0	89.2	91.1	94.0	95.5	98.1	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	35.1	87.0	89.2	91.1	94.0	95.5	98.1	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	35.1	87.0	89.2	91.1	94.0	95.5	98.1	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523 LOPING AFB ME

70-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	18.3	43.3	43.7	43.7	44.1	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	20.3	47.2	47.6	47.6	48.1	48.1	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	21.4	47.4	47.8	47.8	48.3	48.3	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 16000	20.4	47.4	47.8	47.8	48.3	48.3	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	20.5	47.7	48.2	48.2	48.6	48.6	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 12000	20.6	48.3	48.8	48.8	49.2	49.2	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	21.6	50.2	50.3	50.6	51.2	51.2	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 9000	21.6	50.9	51.5	51.5	51.9	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	22.6	52.9	53.5	53.5	54.0	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 7000	23.6	55.1	55.7	55.7	56.1	56.1	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 6000	24.6	55.9	56.6	56.6	57.0	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 5000	24.7	58.7	58.6	58.6	59.0	59.0	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 4500	25.7	59.7	60.3	60.3	60.8	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 4000	27.1	64.4	65.1	65.1	65.5	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3500	28.6	67.6	68.5	68.7	69.1	69.2	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3000	30.8	73.3	74.3	74.5	75.2	75.3	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500	31.9	75.5	76.5	76.7	77.3	77.4	77.5	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	32.3	78.6	79.7	79.9	80.5	80.6	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1800	32.3	78.6	79.9	80.1	80.8	80.9	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1500	32.9	80.8	82.2	82.5	83.5	83.7	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1200	33.5	82.7	84.3	84.7	85.0	86.2	86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	33.5	83.2	84.9	85.4	87.0	87.3	87.4	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	33.5	83.5	85.5	85.9	87.7	88.3	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 800	33.5	84.2	86.6	87.0	89.0	89.7	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	33.7	84.6	87.1	87.5	89.8	90.4	90.9	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	33.7	84.9	87.5	88.0	90.5	91.2	91.6	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	33.8	86.1	88.9	89.4	92.2	93.2	94.0	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	33.9	86.8	89.7	90.3	93.8	94.9	95.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	33.9	86.8	89.8	90.5	94.1	95.6	96.5	98.3	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 200	33.9	86.8	89.9	90.6	94.3	95.8	96.8	98.8	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 100	33.9	86.8	89.9	90.6	94.3	95.8	96.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 0	33.9	86.8	89.9	90.6	94.3	95.8	96.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

70-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	23.6	36.7	37.7	37.2	37.5	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.9
≥ 20000	26.1	40.0	40.4	40.5	40.9	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.3
≥ 18000	26.3	40.3	40.6	40.8	41.1	41.2	41.2	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.5
≥ 16000	26.3	40.3	40.7	40.9	41.3	41.3	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.7
≥ 14000	26.3	41.0	41.4	41.5	41.9	41.9	42.0	42.0	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.3
≥ 12000	27.3	42.1	42.5	42.7	43.1	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.5
≥ 10000	29.1	44.5	44.9	45.1	45.5	45.6	45.6	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.9
≥ 9000	29.4	44.9	45.4	45.6	46.0	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.4
≥ 8000	31.5	47.9	48.4	48.6	49.0	49.0	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.4
≥ 7000	32.8	49.9	50.4	50.6	51.0	51.1	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.5
≥ 6000	33.4	50.8	51.3	51.5	51.9	52.0	52.1	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4
≥ 5000	34.1	52.3	52.9	53.0	53.4	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9
≥ 4500	34.9	53.6	54.0	54.3	54.7	54.8	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2
≥ 4000	37.7	58.5	59.1	59.4	59.9	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 3500	40.3	62.3	62.7	63.1	63.6	63.7	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2
≥ 3000	44.5	67.6	68.4	68.8	69.4	69.5	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 2500	46.8	71.6	72.4	72.9	73.5	73.7	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 2000	48.5	74.8	75.9	76.5	77.2	77.4	77.5	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0
≥ 1800	48.9	75.4	76.5	77.3	78.1	78.2	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9
≥ 1500	50.6	78.1	79.4	80.2	81.1	81.3	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.1
≥ 1200	51.3	79.6	81.1	82.0	83.1	83.3	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.2
≥ 1000	51.9	80.9	82.6	83.5	84.8	85.1	85.4	85.6	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.1
≥ 900	52.2	81.5	83.2	84.2	85.6	86.0	86.4	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0
≥ 800	52.4	82.3	84.2	85.3	86.7	87.3	87.7	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 700	52.6	83.0	85.1	86.2	87.9	88.5	89.1	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 600	52.7	83.5	85.7	86.9	88.9	89.6	90.3	90.7	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.3
≥ 500	52.8	84.3	86.8	88.3	90.8	91.8	92.9	93.6	93.8	94.0	94.1	94.1	94.1	94.2	94.2	94.3
≥ 400	52.9	84.7	87.4	88.9	91.9	93.1	94.5	95.3	95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.2
≥ 300	52.9	84.8	87.6	89.3	92.6	94.0	95.6	96.8	97.1	97.5	97.6	97.7	97.8	97.8	97.9	98.0
≥ 200	52.9	84.9	87.7	89.4	92.8	94.2	96.0	97.4	97.8	98.2	98.4	98.5	98.8	98.8	98.9	99.2
≥ 100	52.9	84.9	87.7	89.4	92.8	94.3	96.1	97.5	98.0	98.5	98.7	98.8	99.1	99.2	99.4	99.9
≥ 0	52.9	84.9	87.7	89.4	92.8	94.3	96.1	97.5	98.0	98.5	98.7	98.8	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 CLAFETAC
 AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

14623
 STATION

LORING AFB ME
 STATION NAME

70-79
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	15.6	37.9	38.1	39.1	38.2	39.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.6	38.6
≥20000	16.6	40.2	40.3	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.9	40.9
≥18000	16.6	40.2	40.3	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.9	40.9
≥16000	17.1	40.4	40.5	40.7	40.8	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.1	41.1
≥14000	17.0	40.7	40.8	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.3	41.3
≥12000	17.0	40.8	40.9	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.4	41.4
≥10000	17.6	42.3	42.4	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9	43.0	43.0
≥9000	17.9	42.9	43.0	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.6	43.6
≥8000	18.6	45.3	45.4	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.0
≥7000	19.2	47.3	47.4	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	48.0	48.0
≥6000	19.4	48.2	48.3	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.8	48.8
≥5000	20.7	50.8	51.0	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.7	51.7
≥4500	21.3	52.4	52.7	52.8	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4
≥4000	23.0	57.1	57.3	57.4	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.1	58.1
≥3500	24.2	60.4	60.7	60.8	61.2	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.9	61.9
≥3000	26.2	65.1	65.4	65.6	66.0	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.9	66.9
≥2500	26.4	69.7	70.0	70.1	70.7	71.1	71.3	71.4	71.4	71.4	71.4	71.7	71.7	71.7	71.8	71.8
≥2000	27.4	73.1	73.9	74.1	74.8	75.3	75.7	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.1	76.1
≥1800	27.6	73.9	74.8	75.0	75.9	76.4	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.2	77.2
≥1500	27.9	76.4	77.4	77.8	79.0	79.6	80.0	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.4	80.4
≥1200	28.0	78.1	79.2	79.6	80.9	81.6	82.1	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.6	82.6
≥1000	28.1	79.6	80.8	81.2	82.6	83.2	83.8	84.2	84.2	84.4	84.7	84.7	84.7	84.7	84.8	84.8
≥900	28.3	83.1	81.4	81.9	83.2	83.9	84.4	84.9	85.1	85.3	85.6	85.6	85.6	85.6	85.7	85.7
≥800	28.3	80.9	82.3	82.8	84.1	84.9	85.6	86.3	86.6	86.9	87.1	87.1	87.1	87.1	87.2	87.2
≥700	28.3	81.4	83.0	83.4	84.9	85.8	86.8	87.6	87.9	88.2	88.6	88.6	88.6	88.7	88.8	88.8
≥600	28.3	81.7	83.2	83.7	85.3	86.2	87.2	88.3	88.3	88.7	89.0	89.0	89.0	89.1	89.2	89.2
≥500	28.3	82.3	84.0	84.8	86.6	87.9	89.1	90.2	90.7	91.0	91.3	91.3	91.3	91.3	91.6	91.6
≥400	28.3	82.6	84.4	85.3	87.3	89.3	90.4	91.7	92.2	92.6	92.9	92.9	92.9	93.0	93.2	93.2
≥300	28.3	82.8	84.7	85.6	87.9	89.7	91.8	93.6	94.4	94.9	95.2	95.2	95.2	95.3	95.7	95.7
≥200	28.3	82.8	84.8	85.7	88.0	89.8	92.1	94.1	95.6	96.6	97.0	97.3	97.6	97.8	97.9	97.9
≥100	28.3	82.8	84.8	85.7	88.0	89.8	92.2	94.6	96.1	97.6	98.0	98.3	98.7	99.1	99.3	99.3
≥0	28.3	82.8	84.8	85.7	88.0	89.8	92.2	94.6	96.1	97.6	98.0	98.3	98.7	99.1	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME

70-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS - LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	17.1	36.3	36.3	36.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	39.0	39.4
≥20000	17.4	39.7	39.7	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.6
≥18000	17.6	39.8	39.8	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.7
≥16000	17.7	39.9	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.8
≥14000	17.8	40.0	40.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.9
≥12000	17.9	40.4	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.9	41.3
≥10000	18.0	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.6	42.0
≥9000	18.1	41.3	41.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	42.2
≥8000	18.3	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.6
≥7000	19.3	44.3	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	45.2
≥6000	19.7	44.9	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.9
≥5000	19.9	46.8	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.8
≥4500	21.1	49.2	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	50.2
≥4000	22.4	54.2	54.3	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.0	55.4
≥3500	24.0	57.1	57.3	57.3	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.6
≥3000	26.2	62.6	63.1	63.1	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.3
≥2500	26.8	67.4	68.1	68.3	68.6	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.8
≥2000	27.1	70.3	71.0	71.4	72.2	72.3	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.7
≥1800	27.3	71.6	72.2	72.7	73.4	73.6	73.8	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.9
≥1500	27.6	74.4	75.1	75.8	76.8	77.1	77.4	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.8
≥1200	27.8	76.2	77.3	77.9	79.1	79.4	80.0	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.6
≥1000	27.9	77.8	78.3	79.6	81.0	81.7	82.3	83.1	83.3	83.4	83.4	83.4	83.4	83.6	83.6	84.0
≥900	27.6	78.3	79.4	80.2	81.7	82.3	83.0	83.9	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.8
≥800	27.6	79.1	80.3	81.1	82.8	83.4	84.2	85.1	85.4	85.6	85.6	85.6	85.6	85.9	85.9	86.3
≥700	27.7	79.9	81.1	82.0	84.0	84.7	85.7	86.7	87.0	87.3	87.3	87.3	87.3	87.6	87.6	88.0
≥600	27.7	80.6	82.0	82.9	84.9	85.7	86.7	88.1	88.4	88.9	88.9	88.9	88.9	89.2	89.2	89.7
≥500	27.7	81.1	83.0	84.0	86.2	87.1	88.4	90.3	90.7	91.1	91.2	91.3	91.6	91.6	91.6	92.0
≥400	27.7	81.8	83.9	84.9	87.6	88.7	90.0	92.0	92.3	92.9	93.0	93.1	93.3	93.3	93.3	93.8
≥300	27.7	81.9	84.1	85.1	88.0	89.4	90.9	93.4	94.0	94.8	95.3	95.6	95.8	95.8	95.8	96.2
≥200	27.8	82.0	84.2	85.3	88.3	89.8	91.2	94.4	95.0	95.8	96.4	96.7	97.1	97.1	97.2	97.7
≥100	27.8	82.1	84.2	85.3	88.3	89.8	91.2	94.6	95.3	96.2	97.1	97.3	97.9	98.1	98.3	98.8
≥0	27.8	82.0	84.2	85.3	88.3	89.8	91.2	94.6	95.3	96.3	97.2	97.4	98.1	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

14023
STATION

LOOPING AFB ME
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2638-0000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	25.0	34.2	34.4	34.4	34.8	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 20000	37.9	37.9	38.1	38.1	38.4	38.4	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 18000	31.2	38.2	38.6	38.6	38.9	38.9	39.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 16000	31.4	38.4	38.8	38.8	39.1	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 14000	31.9	39.1	39.4	39.4	39.8	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	32.6	39.9	40.2	40.2	40.6	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 10000	33.8	41.8	42.1	42.2	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	43.3
≥ 9000	33.9	42.1	42.4	42.6	42.9	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.3
≥ 8000	34.9	43.4	43.8	43.9	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.9
≥ 7000	35.8	44.8	45.1	45.2	45.8	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.2
≥ 6000	36.3	45.7	46.2	46.3	46.9	46.9	47.3	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.4	47.6
≥ 5000	38.2	47.8	48.2	48.3	48.9	48.9	49.3	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.6
≥ 4500	39.2	49.4	49.9	50.0	50.6	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.1	51.2
≥ 4000	40.9	52.4	53.1	53.3	54.0	54.0	54.1	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.8	54.9
≥ 3500	42.9	54.8	55.6	55.9	56.6	56.6	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.3	57.4
≥ 3000	45.6	58.4	59.2	59.6	60.3	60.3	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.3
≥ 2500	49.3	64.3	65.4	65.9	66.8	66.9	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.9	68.0
≥ 2000	51.3	67.7	68.9	69.3	70.4	70.7	71.1	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.9	72.0
≥ 1800	51.9	68.9	70.1	70.6	71.8	72.0	72.4	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.2	73.3
≥ 1500	53.7	73.2	74.4	75.0	76.8	77.0	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.6	78.7
≥ 1200	53.9	74.4	76.3	76.9	79.0	79.3	80.3	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.3	81.4
≥ 1000	54.2	75.4	77.6	78.2	80.6	81.1	82.1	82.7	82.7	83.1	83.2	83.2	83.2	83.2	83.4	83.6
≥ 900	54.3	75.6	77.9	78.6	80.9	81.4	82.4	83.0	83.1	83.4	83.6	83.6	83.6	83.6	83.8	83.9
≥ 800	54.7	76.6	78.9	79.6	82.2	82.9	83.9	84.4	84.4	85.1	85.2	85.2	85.2	85.2	85.4	85.6
≥ 700	54.8	77.3	79.7	80.3	83.1	84.0	85.0	85.8	85.8	86.4	86.7	86.8	86.8	86.8	87.0	87.1
≥ 600	54.9	77.8	80.3	81.0	83.9	84.8	85.9	86.9	87.0	88.0	88.3	88.4	88.6	88.6	88.8	88.9
≥ 500	55.1	77.9	80.8	81.6	84.7	85.7	86.8	88.2	89.4	89.7	90.4	90.6	90.6	90.6	91.1	91.2
≥ 400	55.1	78.2	81.3	82.4	85.7	86.9	88.1	89.8	90.1	91.4	92.2	92.3	92.6	92.6	92.9	93.0
≥ 300	55.2	78.8	82.2	83.4	86.9	88.4	89.8	91.6	91.9	93.4	94.4	94.6	95.0	95.0	95.3	95.6
≥ 200	55.3	78.9	82.4	83.7	87.2	89.0	90.6	92.3	92.6	94.7	95.8	95.9	96.9	97.0	97.3	97.7
≥ 100	55.3	78.9	82.4	83.7	87.2	89.0	90.6	92.3	92.6	94.7	95.1	95.2	97.3	97.9	98.4	99.1
≥ 0	55.3	78.9	82.4	83.7	87.2	89.0	90.6	92.3	92.6	94.7	96.1	96.2	97.3	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

79-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
NOV 45-157

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.10	≥.05	≥0
NO CEILING	27.3	28.0	28.1	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 20000	31.9	33.4	33.6	33.7	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 18000	32.2	33.9	34.0	34.1	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 16000	32.2	33.9	34.0	34.1	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 14000	32.7	34.4	34.6	34.7	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 12000	33.6	35.5	35.7	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 10000	35.0	37.7	37.8	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 9000	35.9	38.7	38.8	38.9	38.9	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 8000	37.8	41.1	41.3	41.4	41.4	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 7000	39.1	42.9	43.1	43.2	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 6000	40.3	44.3	44.2	44.3	44.4	44.5	44.7	44.7	44.7	44.7	44.9	44.9	44.9	45.0	45.0	45.0
≥ 5000	41.4	45.8	46.1	46.3	46.4	46.6	46.7	46.7	46.7	46.7	46.9	46.9	46.9	47.0	47.0	47.0
≥ 4500	41.7	46.1	46.6	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.4
≥ 4000	43.6	48.2	48.9	49.2	49.4	49.6	49.7	49.7	49.7	49.7	49.9	49.9	49.9	50.0	50.0	50.0
≥ 3500	45.5	51.3	52.3	52.8	53.0	53.1	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.7	53.7	53.7
≥ 3000	50.2	55.3	56.3	56.8	57.0	57.1	57.2	57.2	57.2	57.2	57.6	57.6	57.6	57.7	57.7	57.7
≥ 2500	57.4	63.7	64.7	65.1	65.4	65.6	65.7	66.0	66.0	66.0	66.3	66.3	66.3	66.4	66.4	66.4
≥ 2000	62.0	68.9	70.0	70.6	71.1	71.2	71.6	71.9	71.9	71.9	72.3	72.3	72.3	72.4	72.4	72.4
≥ 1800	63.3	70.2	71.3	71.9	72.4	72.6	72.9	73.2	73.2	73.2	73.7	73.7	73.7	73.8	73.8	73.8
≥ 1500	65.6	73.6	74.7	75.6	76.6	76.7	77.6	78.0	78.0	78.0	78.4	78.4	78.4	78.6	78.6	78.6
≥ 1200	66.6	75.1	76.3	77.2	78.6	78.7	79.7	80.2	80.2	80.2	80.8	80.8	80.8	80.9	81.0	81.0
≥ 1000	67.4	76.6	78.2	79.1	80.8	81.1	82.2	82.9	82.9	82.9	83.6	83.7	83.8	83.9	83.9	83.9
≥ 900	67.4	76.9	78.6	79.4	81.2	81.7	82.8	83.4	83.4	83.4	84.1	84.2	84.3	84.4	84.4	84.4
≥ 800	67.9	77.9	79.9	80.8	82.6	83.1	84.3	85.1	85.1	85.1	85.9	86.2	86.3	86.6	86.6	86.6
≥ 700	68.1	78.7	81.0	82.0	83.9	84.6	85.9	86.8	87.0	87.8	88.2	88.3	88.3	88.7	88.8	88.9
≥ 600	68.1	79.1	81.6	82.6	84.8	85.4	86.8	87.7	88.0	88.8	89.2	89.3	89.3	89.8	89.9	90.0
≥ 500	68.4	79.8	82.4	83.4	86.1	86.8	88.2	89.2	89.6	90.3	90.8	91.2	91.3	92.0	92.4	92.4
≥ 400	68.4	80.1	82.9	84.1	86.8	87.7	89.4	90.8	91.1	92.1	92.9	93.6	94.3	94.6	95.0	95.0
≥ 300	68.4	80.2	83.0	84.3	87.4	88.7	90.6	91.9	92.3	93.3	94.4	95.2	96.1	96.3	96.8	96.8
≥ 200	68.4	80.4	83.2	84.6	87.7	89.1	91.0	92.3	92.9	94.0	95.1	95.9	97.2	98.1	98.6	98.6
≥ 100	68.4	80.4	83.2	84.6	87.7	89.1	91.0	92.3	92.9	94.0	95.2	96.0	97.7	98.7	99.1	99.5
≥ 0	68.4	80.4	83.2	84.6	87.7	89.1	91.0	92.3	92.9	94.0	95.2	96.0	97.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

14023
STATION

LOPING AFB ME
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1207-1403
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.0
NO CEILING	23.7	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 20000	28.8	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
IN 18000	29.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IN 16000	29.3	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
IN 14000	30.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
IN 12000	31.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
IN 10000	33.9	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
IN 9000	34.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
IN 8000	35.2	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IN 7000	38.1	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IN 6000	38.3	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IN 5000	39.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IN 4500	39.8	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IN 4000	42.4	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IN 3500	45.4	48.6	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IN 3000	50.3	54.1	54.3	54.7	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0
IN 2500	58.4	63.0	63.4	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4
IN 2000	63.9	69.6	70.1	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4
IN 1800	64.3	70.3	70.9	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4
IN 1500	67.2	73.9	74.9	75.8	76.2	76.6	76.7	76.7	76.7	76.7	77.0	77.1	77.1	77.1	77.1	77.1
IN 1200	68.7	76.2	77.4	78.4	79.2	79.7	80.1	80.1	80.1	80.1	80.4	80.6	80.6	80.6	80.6	80.6
IN 1000	69.6	77.4	79.1	80.2	81.7	82.4	83.2	83.3	83.4	84.1	84.2	84.2	84.2	84.2	84.2	84.2
IN 900	70.3	78.7	80.3	81.7	83.4	84.2	85.0	85.2	85.3	86.0	86.1	86.2	86.2	86.2	86.2	86.2
IN 800	70.4	79.3	81.7	82.7	84.6	85.4	86.4	86.7	86.9	87.7	87.9	88.0	88.1	88.1	88.1	88.1
IN 700	70.6	79.8	81.4	83.1	85.3	86.4	87.7	88.1	88.3	89.2	89.6	89.7	89.8	89.8	89.8	89.8
IN 600	70.6	80.2	81.9	83.7	86.0	87.1	88.3	88.8	89.7	90.1	90.4	90.6	90.8	90.8	90.8	90.8
IN 500	70.8	80.9	83.2	85.0	87.4	88.7	90.0	90.7	90.9	92.3	93.1	93.3	94.0	94.1	94.1	94.1
IN 400	71.0	81.3	83.8	85.7	88.2	89.4	91.1	92.1	92.4	93.9	94.8	95.0	95.7	95.8	95.8	95.8
IN 300	71.0	81.4	83.9	85.8	88.4	90.0	91.7	92.7	93.2	94.7	95.6	96.0	96.7	96.9	96.9	96.9
IN 200	71.0	81.6	84.0	85.9	88.8	90.6	92.3	93.3	93.6	95.8	96.9	97.4	98.1	98.3	98.7	98.7
IN 100	71.0	81.6	84.0	85.9	88.8	90.6	92.3	93.3	94.1	95.9	97.0	97.6	98.2	98.5	98.9	99.4
IN 0	71.0	81.6	84.0	85.9	88.8	90.6	92.3	93.3	94.1	95.9	97.0	97.6	98.2	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-123 LORING AFB ME

70-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
0000-1500

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	23.9	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	28.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 18000	28.8	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 16000	29.1	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 14000	29.7	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 12000	30.7	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 10000	32.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 9000	33.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000	35.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	36.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 6000	36.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 5000	37.7	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 4500	38.3	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 4000	42.4	52.7	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 3500	45.7	56.3	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 3000	49.4	60.2	60.6	60.8	61.0	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2500	52.8	66.5	67.2	67.4	67.5	67.6	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000	57.2	73.9	74.3	74.5	74.7	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	57.4	74.4	75.2	75.4	75.6	75.0	75.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	58.2	76.4	77.3	77.6	78.2	78.6	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1200	59.3	78.0	79.1	79.5	80.4	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 1000	59.5	78.6	79.9	80.3	81.5	82.3	82.6	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 900	59.7	79.3	80.8	81.4	83.1	84.0	84.6	84.9	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 800	59.5	81.0	81.6	82.3	84.1	85.1	85.3	86.1	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 700	59.4	83.2	82.0	83.0	85.0	86.1	87.0	87.5	88.2	88.4	88.4	88.4	88.4	88.5	88.5	88.5
≥ 600	59.8	80.6	82.6	83.6	85.6	86.9	87.9	88.5	89.3	89.7	89.8	89.8	89.8	89.9	89.9	89.9
≥ 500	59.8	83.8	83.0	84.3	86.9	88.1	89.1	89.8	90.5	90.9	91.0	91.1	91.2	91.2	91.2	91.2
≥ 400	60.0	81.1	83.5	85.0	87.7	89.2	90.3	91.2	92.4	93.0	93.2	93.4	93.7	94.1	94.1	94.1
≥ 300	60.0	81.1	83.8	85.4	88.4	89.4	90.0	91.4	92.9	94.2	95.1	95.3	96.0	96.8	97.0	97.0
≥ 200	60.0	81.1	83.8	85.4	88.4	89.4	90.0	91.4	93.1	94.4	95.6	96.4	97.2	97.4	98.0	98.4
≥ 100	60.0	81.1	83.8	85.4	88.4	89.4	90.0	91.4	93.1	94.4	95.6	96.5	97.3	97.7	98.4	98.7
≥ 0	60.0	81.1	83.8	85.4	88.4	89.4	90.0	91.4	93.1	94.4	95.6	96.6	97.3	97.7	98.4	98.7

TOTAL NUMBER OF OBSERVATIONS 899

JOINT CLIMATOLOGY BRANCH
AFETAC
AT LEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

4-23
YEAR

LOCATING AFB WE

7-76

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1937-2000

CEILING feet	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	18.2	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 20000	19.2	37.5	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 18000	19.3	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 15000	19.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 14000	19.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 12000	19.7	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 10000	20.5	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000	20.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 8000	21.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000	21.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 5000	22.5	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 4000	22.9	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 3500	25.2	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 3000	26.4	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 2500	27.3	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 2000	28.1	63.5	63.9	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 1800	29.4	68.9	70.0	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1500	30.3	73.3	74.9	75.3	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1200	30.6	74.3	75.6	75.9	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1000	30.7	75.7	77.3	77.6	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 900	30.8	77.7	79.2	79.7	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 800	30.9	79.3	81.5	81.8	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 700	31.1	80.3	82.3	82.6	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 600	31.1	80.3	82.3	82.6	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 500	31.1	80.3	82.3	82.6	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 400	31.1	80.3	82.3	82.6	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 300	31.1	80.3	82.3	82.6	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 200	31.1	80.3	82.3	82.6	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 100	31.1	80.3	82.3	82.6	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 0	31.1	80.3	82.3	82.6	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 23 LOSING AFB ME

YEARS 70-79

MONTH NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	16.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
> 20000	18.3	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 18000	18.3	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	18.3	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 14000	18.4	41.3	41.3	41.3	41.3	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 12000	18.7	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 10000	19.2	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 9000	19.3	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 8000	20.0	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000	21.0	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 6000	21.9	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 5000	22.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 4500	23.9	53.3	53.3	53.3	53.3	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4000	25.3	57.2	57.2	57.2	57.2	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 3500	26.3	60.9	60.9	60.9	60.9	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 3000	27.4	65.6	65.6	65.6	65.6	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2500	28.4	70.5	70.5	70.5	70.5	71.1	71.1	71.1	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8
≥ 2000	29.4	74.8	74.8	74.8	74.8	75.5	75.5	75.5	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5
≥ 1800	29.4	75.9	75.9	75.9	75.9	76.7	76.7	76.7	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6
≥ 1500	30.0	79.7	79.7	79.7	79.7	80.5	80.5	80.5	81.5	81.5	81.5	81.9	81.9	81.9	81.9	81.9
≥ 1200	30.0	80.2	80.2	80.2	80.2	81.4	81.4	81.4	82.4	82.4	82.4	83.1	83.1	83.1	83.1	83.1
≥ 1000	30.0	80.9	80.9	80.9	80.9	82.3	82.3	82.3	83.4	83.4	83.4	84.2	84.2	84.2	84.2	84.2
≥ 900	30.0	80.9	80.9	80.9	80.9	82.3	82.3	82.3	83.4	83.4	83.4	84.2	84.2	84.2	84.2	84.2
≥ 800	30.0	81.5	81.5	81.5	81.5	82.9	82.9	82.9	84.1	84.1	84.1	84.8	84.8	84.8	84.8	84.8
≥ 700	30.0	81.5	81.5	81.5	81.5	82.9	82.9	82.9	84.1	84.1	84.1	84.8	84.8	84.8	84.8	84.8
≥ 600	30.2	82.7	82.7	82.7	82.7	84.4	84.4	84.4	85.7	85.7	85.7	86.4	86.4	86.4	86.4	86.4
≥ 500	30.2	82.7	82.7	82.7	82.7	84.4	84.4	84.4	85.7	85.7	85.7	86.4	86.4	86.4	86.4	86.4
≥ 400	30.2	83.1	83.1	83.1	83.1	84.8	84.8	84.8	86.3	86.3	86.3	87.0	87.0	87.0	87.0	87.0
≥ 300	30.2	83.6	83.6	83.6	83.6	85.4	85.4	85.4	87.0	87.0	87.0	88.6	88.6	88.6	88.6	88.6
≥ 200	30.2	83.6	83.6	83.6	83.6	85.4	85.4	85.4	87.0	87.0	87.0	88.6	88.6	88.6	88.6	88.6
≥ 100	30.2	83.6	83.6	83.6	83.6	85.4	85.4	85.4	87.0	87.0	87.0	88.6	88.6	88.6	88.6	88.6
≥ 0	30.2	83.6	83.6	83.6	83.6	85.4	85.4	85.4	87.0	87.0	87.0	88.6	88.6	88.6	88.6	88.6

TOTAL NUMBER OF OBSERVATIONS 827

CEILING VERSUS VISIBILITY

72-70

NOV
1958

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.25	≥.2	≥.15
NO CEILING	21.3	33.2	33.3	33.3	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 20000	24.0	36.7	36.7	36.8	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1
≥ 18000	24.2	36.9	37.0	37.1	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4
≥ 16000	24.3	37.1	37.2	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5
≥ 14000	24.7	37.6	37.7	37.7	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0
≥ 12000	25.2	38.4	38.5	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9
≥ 10000	26.4	40.3	40.4	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8
≥ 9000	26.6	40.8	40.9	40.9	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.3
≥ 8000	27.8	42.8	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
≥ 7000	28.8	44.6	44.7	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1
≥ 6000	29.5	45.6	45.8	45.8	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.3
≥ 5000	30.4	47.4	47.6	47.7	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.2
≥ 4500	31.3	49.1	49.3	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.9
≥ 4000	33.4	53.0	53.3	53.4	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 3500	35.3	56.0	56.4	56.6	56.9	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3
≥ 3000	37.8	60.6	61.1	61.3	61.6	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.2
≥ 2500	41.1	66.5	67.5	67.8	68.2	68.3	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9
≥ 2000	43.5	71.4	72.3	72.7	73.3	73.5	73.7	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2
≥ 1800	44.0	72.4	73.3	73.7	74.4	74.6	74.8	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 1500	45.1	75.4	76.5	77.0	77.9	78.2	78.6	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.2
≥ 1200	45.6	77.0	78.3	78.8	80.0	80.4	81.0	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.6	81.7
≥ 1000	45.9	78.2	79.8	80.4	81.8	82.4	83.0	83.4	83.5	83.8	83.9	83.9	83.9	84.0	84.0	84.1
≥ 900	46.1	78.7	80.3	81.0	82.6	83.2	83.9	84.3	84.4	84.7	84.8	84.8	84.9	84.9	84.9	85.0
≥ 800	46.2	79.4	81.2	81.9	83.6	84.2	85.0	85.5	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.5
≥ 700	46.3	79.9	81.8	82.6	84.5	85.3	86.2	86.9	87.2	87.6	87.8	87.9	88.0	88.0	88.1	88.1
≥ 600	46.3	80.4	82.4	83.2	85.2	86.1	87.1	87.9	88.3	88.6	88.9	89.1	89.3	89.3	89.4	89.4
≥ 500	46.4	80.8	83.0	84.0	86.3	87.3	88.4	89.6	90.0	90.7	91.0	91.2	91.4	91.5	91.6	91.7
≥ 400	46.5	81.2	83.6	84.6	87.2	88.4	89.7	91.1	91.7	92.5	93.0	93.1	93.5	93.6	93.7	93.8
≥ 300	46.5	81.4	83.9	85.1	87.9	89.3	90.9	92.7	93.5	94.5	95.1	95.4	95.7	95.9	96.0	96.1
≥ 200	46.5	81.5	84.0	85.2	88.0	89.6	91.3	93.3	94.3	95.6	96.5	96.9	97.5	97.8	98.0	98.1
≥ 100	46.5	81.5	84.0	85.2	88.0	89.6	91.3	93.4	94.5	95.9	96.9	97.4	98.0	98.6	98.8	99.0
0	46.5	81.5	84.0	85.2	88.0	89.6	91.3	93.4	94.5	95.9	96.9	97.4	98.1	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14423
STATION

LOPING AFB ME

59-75

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	15.9	33.2	38.2	38.3	38.3	38.3	38.5	38.6	38.6	38.7	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000	17.1	40.7	40.7	40.1	40.1	40.1	40.3	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6
IV 18000	17.3	40.5	40.5	40.6	40.6	40.6	40.9	41.0	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2
IV 16000	17.5	40.5	40.5	40.6	40.6	40.6	40.9	41.0	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2
IV 14000	17.1	40.8	40.8	40.9	40.9	40.9	41.1	41.2	41.2	41.3	41.4	41.4	41.4	41.4	41.4	41.4
IV 12000	17.5	41.7	41.7	41.8	41.8	41.8	42.0	42.2	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4
IV 10000	18.1	43.1	43.0	43.1	43.1	43.1	43.3	43.4	43.4	43.5	43.7	43.7	43.7	43.7	43.7	43.7
IV 9000	18.0	43.2	43.2	43.3	43.3	43.3	43.5	43.7	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9
IV 8000	18.6	44.4	44.4	44.5	44.5	44.5	44.7	44.8	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1
IV 7000	19.6	46.2	46.2	46.5	46.5	46.5	46.7	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0
IV 6000	19.8	47.7	47.7	48.0	48.0	48.0	48.2	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5
IV 5000	20.3	49.7	49.7	50.0	50.0	50.0	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5
IV 4500	20.4	50.6	50.6	51.1	51.1	51.1	51.3	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6
IV 4000	20.9	52.4	52.4	53.0	53.0	53.0	53.3	53.7	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0
IV 3500	21.6	54.7	54.7	55.4	55.5	55.5	56.0	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5
IV 3000	22.5	58.1	58.5	59.0	59.2	59.5	59.8	60.1	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5
IV 2500	23.2	61.4	62.2	62.8	63.2	63.4	63.8	64.1	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9
IV 2000	23.7	64.3	65.6	66.2	67.3	67.5	68.2	68.8	69.7	69.6	69.7	69.7	69.7	69.7	69.7	69.7
IV 1800	23.7	64.9	66.2	66.9	68.1	68.3	68.9	69.6	69.8	70.3	70.4	70.4	70.4	70.4	70.4	70.4
IV 1500	24.2	66.9	70.4	71.2	72.5	72.7	73.5	74.6	75.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 1200	24.3	70.6	72.4	73.2	74.7	74.9	75.9	77.2	77.7	78.3	78.4	78.4	78.4	78.4	78.4	78.4
IV 1000	24.7	72.2	74.1	75.1	77.0	77.3	78.7	80.4	81.3	81.6	82.0	82.0	82.0	82.0	82.0	82.0
IV 900	24.7	72.3	74.5	75.5	77.5	78.1	79.7	81.8	82.8	83.3	83.5	83.5	83.5	83.5	83.5	83.5
IV 800	24.7	73.3	75.3	76.3	78.6	79.1	80.9	83.4	84.5	85.2	85.4	85.4	85.4	85.4	85.4	85.4
IV 700	24.8	74.0	75.9	77.2	79.6	80.1	81.9	84.5	86.0	86.7	86.9	86.9	86.9	86.9	86.9	86.9
IV 600	24.8	74.3	76.2	77.6	80.0	80.5	82.4	84.9	86.9	87.7	88.0	88.0	88.1	88.2	88.2	88.2
IV 500	24.8	74.4	76.6	78.1	80.9	81.5	83.5	86.9	89.0	90.1	91.1	91.1	91.2	91.4	91.4	91.4
IV 400	24.8	74.8	77.2	78.8	81.7	82.4	84.5	86.2	90.5	91.8	93.0	93.3	93.4	93.7	93.7	93.7
IV 300	24.8	74.9	77.3	79.0	81.9	82.6	85.2	89.4	91.9	93.7	95.6	95.9	96.1	96.3	96.3	96.3
IV 200	24.8	74.9	77.4	79.1	82.0	82.8	85.4	90.0	92.7	94.6	97.1	97.6	98.0	98.4	98.5	98.7
IV 100	24.8	74.9	77.4	79.1	82.0	82.8	85.4	90.1	92.9	94.8	97.5	98.2	98.7	99.1	99.2	99.7
IV 0	24.8	74.9	77.4	79.1	82.0	82.8	85.4	90.1	92.9	94.8	97.7	98.4	98.9	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023 LOPING AFB ME

67-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3303-2510
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	13.7	38.1	38.6	38.6	38.7	38.7	38.8	38.9	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.2
≥ 20000	14.3	39.7	40.1	40.3	40.4	40.4	40.5	40.6	40.8	40.9	40.9	40.9	41.0	41.0	41.0	41.0
≥ 18000	14.5	40.1	40.6	40.8	40.9	40.9	41.0	41.1	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4
≥ 16000	14.5	40.1	40.6	40.8	40.9	40.9	41.0	41.1	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4
≥ 14000	14.6	40.3	41.0	41.1	41.1	41.1	41.2	41.3	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6
≥ 12000	14.9	40.6	41.4	41.4	41.5	41.5	41.5	41.7	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.0
≥ 10000	15.2	41.8	42.5	42.5	42.7	42.7	42.9	43.0	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.3
≥ 9000	15.3	41.9	42.6	42.6	42.8	42.8	43.0	43.1	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4
≥ 8000	15.3	43.3	44.0	44.0	44.2	44.2	44.4	44.5	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8
≥ 7000	16.8	44.8	45.5	45.5	45.7	45.7	45.9	46.0	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3
≥ 6000	17.3	46.9	47.5	47.5	47.7	47.7	48.0	48.1	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4
≥ 5000	17.6	48.4	49.1	49.1	49.5	49.5	49.8	49.9	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2
≥ 4500	17.8	49.4	50.3	50.3	50.8	50.8	51.1	51.2	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5
≥ 4000	18.3	51.9	52.9	53.1	53.7	53.7	54.0	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
≥ 3500	19.0	53.2	54.2	54.4	55.1	55.1	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8
≥ 3000	20.1	57.0	58.2	58.4	59.1	59.1	59.5	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 2500	20.9	61.1	62.7	63.1	64.5	64.6	65.3	65.6	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 2000	21.8	65.4	67.2	67.7	69.8	69.9	70.5	71.2	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 1800	21.9	66.6	68.4	69.0	71.2	71.3	71.9	72.6	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 1500	22.4	69.0	71.1	71.7	74.0	74.2	74.8	75.5	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5
≥ 1200	22.7	71.9	73.1	73.8	76.2	76.5	77.3	78.2	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7
≥ 1000	22.9	71.6	73.9	74.5	77.2	77.6	78.7	80.1	81.9	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 900	22.9	71.8	74.2	74.8	77.7	78.4	79.6	81.3	83.2	83.5	83.5	83.5	83.7	83.7	83.7	83.7
≥ 800	22.9	72.6	75.4	76.0	79.0	79.8	81.5	82.8	84.8	85.5	85.6	85.6	85.7	85.7	85.7	85.7
≥ 700	23.0	73.0	75.8	76.7	79.8	80.5	81.8	83.7	85.7	86.6	86.7	86.7	86.8	86.8	86.8	86.8
≥ 600	23.0	73.0	75.8	76.8	79.9	80.6	82.0	84.1	86.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
≥ 500	23.0	73.4	76.5	77.6	80.9	81.6	83.1	85.6	87.8	89.6	90.1	90.2	90.3	90.6	90.6	90.6
≥ 400	23.0	74.1	77.5	78.7	82.0	83.1	84.7	87.2	89.5	91.6	92.8	93.1	93.2	93.5	93.5	93.5
≥ 300	23.0	74.4	78.1	79.2	82.8	84.1	86.0	89.0	91.3	93.9	95.6	96.1	96.6	96.9	96.9	96.9
≥ 200	23.0	74.4	78.2	79.5	83.0	84.4	86.7	90.0	92.3	94.9	97.0	97.7	98.3	98.6	98.7	98.7
≥ 100	23.0	74.4	78.2	79.5	83.1	84.5	86.8	90.1	92.5	95.3	97.4	98.4	98.9	99.4	99.7	99.7
≥ 0	23.0	74.4	78.2	79.5	83.1	84.5	86.8	90.1	92.5	95.3	97.5	98.5	99.0	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623

LORING AFB ME

69-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

4632-5805
HOURS EST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	24.6	36.9	37.7	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	36.0
≥ 20000	26.1	39.6	39.7	40.0	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 18000	26.5	40.1	40.2	40.5	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2
≥ 16000	26.7	40.2	40.3	40.6	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3
≥ 14000	26.9	40.6	40.5	41.1	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7
≥ 12000	27.1	41.1	41.2	41.5	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3
≥ 10000	28.4	42.7	42.8	43.1	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1
≥ 9000	28.6	43.0	43.1	43.4	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4
≥ 8000	29.1	44.3	44.4	44.7	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
≥ 7000	30.0	45.8	45.9	46.2	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2
≥ 6000	31.5	43.3	48.5	48.8	49.5	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
≥ 5000	32.8	49.9	50.1	50.4	51.1	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
≥ 4500	33.2	51.6	51.3	51.3	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
≥ 4000	34.5	52.8	53.4	53.8	54.6	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 3500	35.6	54.2	54.8	55.2	56.2	56.3	56.5	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9
≥ 3000	36.6	57.8	58.6	59.1	60.4	60.5	60.6	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.1
≥ 2500	38.7	62.2	63.1	63.8	65.6	65.9	66.2	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.9
≥ 2000	39.4	64.3	65.6	66.3	68.7	69.0	69.7	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.4
≥ 1800	39.8	65.2	66.5	67.2	69.7	70.0	70.8	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.5
≥ 1500	41.6	69.2	70.3	71.6	74.3	74.9	75.8	76.7	76.8	76.9	77.2	77.2	77.2	77.2	77.2	77.3
≥ 1200	42.0	75.5	72.2	73.1	75.1	75.9	78.0	78.9	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.8
≥ 1000	42.3	71.7	73.4	74.4	77.8	78.7	80.3	81.1	81.2	81.7	82.2	82.3	82.3	82.3	82.3	82.4
≥ 900	42.4	72.2	73.9	74.8	76.4	79.5	81.0	82.4	82.5	83.0	83.5	83.7	83.8	83.8	83.8	83.9
≥ 800	42.4	72.6	74.5	75.6	79.1	80.4	81.9	83.5	83.9	84.6	85.3	85.4	85.5	85.5	85.5	85.6
≥ 700	42.4	72.7	74.8	76.0	79.6	80.9	82.6	84.3	84.7	85.6	86.7	86.8	86.9	87.0	87.0	87.1
≥ 600	42.5	72.8	75.2	76.3	80.1	81.6	83.4	85.2	85.7	86.9	88.1	88.2	88.3	88.4	88.4	88.5
≥ 500	42.5	73.7	76.3	77.6	81.6	83.1	85.3	87.1	88.0	89.2	90.9	91.2	91.3	91.4	91.4	91.5
≥ 400	42.5	73.8	76.7	78.2	82.5	84.0	86.2	88.4	89.6	91.2	92.8	93.2	93.8	93.9	93.9	94.0
≥ 300	42.5	74.0	77.0	78.6	83.0	84.9	87.2	89.5	90.9	92.6	94.5	95.2	95.9	96.0	96.0	96.1
≥ 200	42.5	74.0	77.2	78.9	83.3	85.8	88.1	90.6	92.0	94.1	96.2	97.2	98.0	98.2	98.2	98.3
≥ 100	42.5	74.0	77.2	78.9	83.3	85.8	88.1	90.6	92.0	94.1	96.8	97.8	98.7	99.2	99.5	99.8
≥ 0	42.5	74.0	77.2	78.9	83.3	85.8	88.1	90.6	92.0	94.1	96.8	97.8	98.7	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023
STATION

LORING AFB ME

STATION NAME

69-78

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS UTC

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.3	≥.25	≥.2	≥.15	≥0
NO CEILING	33.1	35.4	35.9	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	34.9	37.8	38.5	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 18000	35.3	38.4	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 16000	35.4	38.6	39.2	39.4	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 14000	35.8	39.5	40.1	40.2	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 12000	36.6	40.2	40.9	41.0	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 10000	38.8	42.6	43.2	43.3	43.8	43.8	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 9000	39.2	43.1	43.8	43.9	44.3	44.3	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 8000	41.1	45.3	45.9	46.0	46.8	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 7000	43.2	47.7	48.6	48.7	49.5	49.6	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 6000	43.8	48.4	49.2	49.4	50.1	50.2	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 5000	44.9	49.8	50.9	51.1	52.0	52.2	52.4	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4500	45.2	50.1	51.2	51.4	52.4	52.5	52.7	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 4000	47.8	53.7	54.1	54.3	55.4	55.5	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3500	48.5	53.8	54.8	55.1	56.1	56.3	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 3000	50.9	56.7	57.8	58.1	59.4	59.6	59.8	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 2500	52.5	59.7	61.2	61.4	63.0	63.3	63.9	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 2000	54.6	63.2	64.9	65.4	67.6	68.7	69.6	70.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800	54.8	63.8	65.5	65.9	68.5	69.7	70.5	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1500	56.7	66.5	68.6	69.1	71.9	73.2	74.2	75.4	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1200	57.4	67.6	70.1	70.8	73.8	75.1	76.1	77.5	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1000	58.2	68.6	71.7	71.9	75.2	76.6	77.6	79.0	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 900	58.5	69.6	72.5	73.1	76.5	77.8	79.2	80.6	81.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 800	58.9	70.4	73.7	74.6	78.2	79.8	81.3	82.8	83.5	85.1	85.3	85.4	85.4	85.4	85.4	85.4
≥ 700	58.9	70.6	74.2	75.2	78.8	80.4	82.2	83.9	84.8	86.7	87.1	87.3	87.3	87.3	87.3	87.3
≥ 600	58.9	70.9	74.3	75.5	79.1	80.9	82.6	84.4	85.4	87.5	88.2	88.6	88.7	88.8	88.8	88.8
≥ 500	59.2	71.3	74.8	76.3	80.1	82.0	83.9	85.9	87.3	89.6	90.4	91.0	91.2	91.3	91.3	91.3
≥ 400	59.2	71.5	75.2	76.8	81.0	83.1	85.2	87.6	89.1	91.5	93.2	94.1	94.6	94.8	94.8	94.8
≥ 300	59.2	71.5	75.2	76.9	81.2	83.7	85.8	88.5	90.2	92.6	95.1	96.2	96.9	97.3	97.3	97.3
≥ 200	59.2	71.5	75.2	76.9	81.2	83.7	86.0	89.1	90.8	93.1	95.7	96.9	98.0	98.6	98.9	98.9
≥ 100	59.2	71.5	75.2	76.9	81.2	83.7	86.3	89.1	90.8	93.2	95.9	97.1	98.4	99.1	99.7	99.7
≥ 0	59.2	71.5	75.2	76.9	81.2	83.7	86.3	89.1	90.8	93.2	95.9	97.1	98.4	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

69-73

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0	≥ 0
NO CEILING	37.6	32.3	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 20000	34.6	36.6	36.7	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 18000	35.4	37.4	37.5	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000	35.7	37.8	38.1	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 14000	36.2	38.8	38.7	38.9	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 12000	37.1	39.8	39.9	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 10000	38.2	41.2	41.5	41.7	41.9	41.9	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000	39.2	42.3	42.7	42.9	43.1	43.1	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 8000	40.2	44.3	44.7	44.9	45.3	45.3	45.4	45.5	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 7000	42.5	46.0	46.8	47.0	47.3	47.3	47.4	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 6000	43.3	47.0	47.7	48.0	48.5	48.5	48.6	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 5000	44.9	48.6	49.4	49.6	50.1	50.1	50.4	50.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4500	44.9	48.7	49.5	49.7	50.2	50.2	50.5	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 4000	47.2	51.3	52.1	52.3	52.8	52.8	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 3500	47.8	52.5	52.8	53.0	53.7	53.7	54.0	54.3	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8
≥ 3000	50.2	55.2	55.9	56.1	57.2	57.2	57.5	57.8	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5
≥ 2500	53.1	59.1	59.9	60.1	61.6	61.8	62.2	62.5	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1
≥ 2000	56.3	63.3	64.4	64.7	66.7	67.5	68.1	68.6	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1800	57.2	64.6	65.7	66.0	68.1	69.0	69.6	70.1	70.5	70.8	71.1	71.1	71.1	71.1	71.1	71.1
≥ 1500	59.1	67.0	68.2	68.9	71.4	72.6	73.4	74.3	74.7	75.2	75.6	75.7	75.7	75.7	75.7	75.7
≥ 1200	60.5	68.7	70.0	71.0	73.5	74.7	75.6	76.9	77.7	78.2	78.8	78.9	78.9	78.9	78.9	78.9
≥ 1000	61.0	70.2	71.5	72.5	75.2	76.5	77.5	78.9	79.6	80.5	81.3	81.4	81.5	81.5	81.5	81.5
≥ 900	61.1	70.9	71.8	72.8	76.0	77.3	78.5	80.2	81.3	82.0	82.6	82.9	83.0	83.0	83.0	83.0
≥ 800	61.0	71.1	72.8	73.8	77.1	78.5	80.1	82.3	83.3	84.7	85.6	85.7	85.8	85.8	85.8	85.8
≥ 700	61.0	71.5	73.4	74.4	77.8	79.2	81.2	83.7	84.7	86.3	87.3	87.4	87.5	87.5	87.5	87.5
≥ 600	61.2	72.0	74.0	74.9	78.5	79.9	81.9	84.5	85.8	87.5	88.6	88.7	88.9	88.9	88.9	88.9
≥ 500	61.3	72.7	74.7	75.7	79.4	80.8	83.0	86.3	87.7	89.7	90.9	91.0	91.3	91.3	91.3	91.3
≥ 400	61.3	72.8	74.9	76.1	80.5	82.2	84.5	88.4	89.2	91.8	93.8	93.9	94.2	94.2	94.2	94.2
≥ 300	61.4	73.0	75.2	76.3	80.8	82.5	84.9	89.2	90.9	93.1	95.6	95.9	96.8	97.0	97.1	97.2
≥ 200	61.4	73.0	75.2	76.3	80.8	82.5	84.9	89.4	91.0	93.3	95.8	96.2	97.5	98.2	98.3	98.4
≥ 100	61.4	73.0	75.2	76.3	80.8	82.5	84.9	89.4	91.0	93.4	96.2	96.8	98.3	98.9	99.1	99.6
≥ 0	61.4	73.0	75.2	76.3	80.8	82.5	84.9	89.4	91.0	93.4	96.2	96.8	98.3	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14-23

LOPING AFB ME

69-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING -FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	27.8	37.1	37.1	37.3	37.4	37.5	37.5	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000	29.8	40.0	40.2	40.4	40.5	40.6	40.6	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 18000	31.1	41.3	41.5	41.7	41.8	41.9	41.9	42.0	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 16000	31.1	41.4	41.5	41.6	41.9	42.3	42.7	42.2	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 14000	31.2	41.9	42.3	42.4	42.5	42.6	42.6	42.7	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 12000	31.8	43.0	43.3	43.4	43.5	43.7	43.7	43.8	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 10000	33.0	44.7	45.1	45.3	45.5	45.6	45.6	45.7	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 9000	33.8	45.9	45.8	46.0	46.2	46.3	46.3	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 8000	34.2	45.7	47.0	47.2	47.5	47.6	47.6	47.7	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 7000	35.4	46.4	48.7	48.9	49.2	49.4	49.4	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 6000	35.7	48.3	49.2	49.4	49.7	49.8	49.8	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 5000	36.8	50.2	50.5	50.8	51.1	51.2	51.3	51.5	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4500	37.5	51.1	51.3	51.5	51.8	52.0	52.2	52.4	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 4000	38.4	53.4	54.1	54.3	54.7	54.9	55.2	55.5	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3500	39.5	54.9	55.6	55.9	56.3	56.6	56.8	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 3000	41.1	58.1	59.7	59.5	60.1	60.4	60.6	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 2500	44.0	63.0	64.4	65.1	66.3	66.6	66.9	67.4	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 2000	45.5	65.5	67.3	68.1	69.2	69.8	70.2	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1800	45.9	66.1	68.2	68.9	70.1	70.6	71.2	72.0	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1500	47.1	69.6	71.5	72.7	74.4	75.1	75.9	76.8	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1200	47.7	70.6	72.9	73.9	75.9	76.6	78.0	79.0	79.5	80.0	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1000	48.4	71.9	74.4	75.4	77.5	78.2	79.8	81.1	81.6	82.5	83.0	83.0	83.0	83.0	83.0	83.0
≥ 900	48.4	72.4	74.9	75.9	78.1	78.8	80.4	82.0	82.6	83.3	84.1	84.1	84.2	84.2	84.2	84.2
≥ 800	48.5	73.3	75.9	76.9	79.3	80.1	81.9	84.0	84.6	85.5	86.8	86.9	87.0	87.0	87.0	87.0
≥ 700	48.5	73.7	76.5	77.4	79.6	80.6	82.7	85.2	85.9	86.8	88.3	88.4	88.5	88.5	88.5	88.5
≥ 600	48.5	73.7	76.5	77.5	79.9	81.1	83.0	85.5	86.3	87.6	89.4	89.6	89.7	89.7	89.7	89.7
≥ 500	43.5	73.7	76.6	77.6	80.1	81.3	83.2	86.0	87.0	88.5	90.5	90.8	90.9	90.9	90.9	90.9
≥ 400	43.5	73.7	76.6	77.7	80.2	81.4	83.5	86.7	87.7	90.5	92.3	92.6	93.1	93.1	93.1	93.1
≥ 300	48.5	73.8	76.7	78.0	80.8	82.2	84.4	88.0	89.2	91.7	94.6	94.9	95.9	95.9	95.9	95.9
≥ 200	48.5	73.8	76.7	78.0	80.8	82.3	84.6	88.2	89.7	92.2	95.5	95.8	97.2	97.4	97.5	97.7
≥ 100	48.5	73.8	76.7	78.0	80.8	82.3	84.6	88.2	89.7	92.3	95.8	96.6	98.6	99.1	99.5	99.8
≥ 0	48.5	73.8	76.7	78.0	80.8	82.3	84.6	88.2	89.7	92.3	95.8	96.6	98.6	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

STATION NAME

69-78

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1850-2000
CENSUS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01	≥0
NO CEILING	16.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥20000	17.2	43.5	43.7	43.7	43.7	43.7	43.6	43.6	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥18000	17.2	43.8	43.9	43.9	43.9	44.0	44.0	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥16000	17.2	43.8	43.9	43.9	43.9	44.0	44.0	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥14000	17.2	44.1	44.2	44.2	44.2	44.3	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥12000	17.6	44.8	44.9	44.9	44.9	45.1	45.1	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥10000	17.8	46.2	46.3	46.3	46.3	46.5	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥9000	18.0	46.6	46.7	46.7	46.7	46.8	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥8000	18.3	48.4	48.5	48.5	48.5	48.6	48.6	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥7000	18.4	49.8	49.9	49.9	49.9	50.0	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥6000	18.7	50.4	50.5	50.5	50.5	50.6	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥5000	19.0	51.3	51.4	51.4	51.5	51.6	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥4500	19.5	52.2	52.3	52.3	52.5	52.6	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥4000	20.9	55.5	55.6	55.6	56.2	56.3	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥3500	21.3	57.2	57.6	57.6	58.2	58.3	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥3000	23.7	61.0	61.6	61.6	62.5	62.6	62.9	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥2500	24.5	65.2	65.9	66.1	67.2	67.3	67.6	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥2000	25.2	68.7	70.0	70.4	71.6	71.7	72.3	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥1800	25.6	69.5	70.8	71.2	72.4	72.5	73.0	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥1500	26.3	71.8	73.4	74.1	75.7	75.9	76.7	77.1	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥1200	26.9	73.2	74.9	75.7	78.1	78.6	79.4	79.9	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥1000	27.1	74.2	75.9	76.7	79.1	79.8	80.5	81.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥900	27.2	74.7	75.6	77.3	79.9	80.6	81.4	82.4	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥800	27.2	75.5	77.5	78.3	81.5	82.5	83.2	84.4	85.6	86.5	86.7	86.7	86.7	86.7	86.7	86.7
≥700	27.2	76.0	78.1	78.8	82.3	83.2	84.2	85.9	87.5	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥600	27.2	76.2	78.4	79.1	82.6	83.5	84.5	86.6	88.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0
≥500	27.3	76.8	78.9	79.9	83.4	84.4	85.5	88.1	90.2	91.6	92.4	92.5	92.5	92.5	92.5	92.5
≥400	27.3	76.9	79.0	80.3	83.9	84.9	86.0	88.7	91.5	92.9	94.0	94.4	94.4	94.4	94.4	94.4
≥300	27.3	76.9	79.1	80.4	84.1	85.4	86.6	89.7	92.7	94.3	95.6	96.5	97.0	97.3	97.7	97.7
≥200	27.3	76.9	79.1	80.4	84.1	85.4	86.6	90.1	93.1	95.1	96.7	97.8	98.6	98.7	98.7	98.7
≥100	27.3	76.9	79.1	80.4	84.1	85.4	86.6	90.1	93.1	95.2	97.1	98.1	99.4	99.7	99.7	99.7
≥0	27.3	76.9	79.1	80.4	84.1	85.4	86.6	90.1	93.1	95.2	97.1	98.1	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LOPING AFB ME

STATION NAME

97-78
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	17.4	40.1	40.1	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	17.3	41.1	41.1	41.2	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 18000	17.4	41.3	41.3	41.4	41.5	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 16000	17.6	41.5	41.5	41.6	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	17.5	41.9	41.9	42.1	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 12000	17.7	42.6	42.6	42.7	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 10000	18.3	44.0	44.0	44.1	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 9000	18.1	44.8	44.8	44.9	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 8000	18.9	45.3	45.3	45.5	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 7000	18.3	47.5	47.5	47.6	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 6000	19.5	49.1	49.1	49.2	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 5000	20.1	50.6	50.6	50.9	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 4500	20.4	51.5	51.5	51.7	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 4000	21.4	54.9	54.9	55.3	55.6	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 3500	22.5	56.9	56.9	57.2	57.6	57.7	58.0	58.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 3000	23.9	60.0	60.1	60.4	61.0	61.1	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 2500	24.5	63.5	64.1	64.4	65.1	65.2	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 2000	25.7	68.6	69.5	70.1	70.6	70.9	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 1800	25.9	69.8	70.5	71.3	72.0	72.3	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 1500	26.5	71.9	73.3	74.0	74.9	75.2	76.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 1200	26.3	74.1	75.9	76.9	77.6	78.4	79.7	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1000	26.8	75.5	77.3	78.5	79.6	80.1	81.5	82.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 900	26.8	76.2	78.4	79.5	80.5	81.1	82.6	83.9	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.4
IV 800	26.8	77.0	79.2	80.3	81.4	81.9	84.0	86.0	87.5	88.0	88.0	88.0	88.1	88.1	88.1	88.1
IV 700	26.3	77.1	79.4	80.4	81.6	82.2	84.2	86.2	87.8	88.5	88.5	88.5	88.5	88.6	88.6	88.6
IV 600	26.8	77.4	79.3	81.1	82.7	83.4	85.5	87.8	89.8	90.4	90.4	90.4	90.5	90.5	90.5	90.5
IV 500	26.8	77.4	79.9	81.2	82.8	83.5	86.0	88.9	91.3	92.3	92.3	92.4	92.6	92.6	92.7	92.7
IV 400	26.8	77.5	80.2	81.5	83.3	84.2	86.8	90.0	92.6	94.1	94.5	94.5	94.7	94.8	94.9	94.9
IV 300	26.8	77.8	80.5	81.8	83.8	84.6	87.2	90.6	93.5	95.2	95.9	96.0	96.6	96.8	96.9	96.9
IV 200	26.8	77.8	80.5	81.8	83.8	84.6	87.3	91.0	94.2	95.9	96.9	97.2	97.8	98.5	98.7	98.7
IV 100	26.8	77.8	80.5	81.8	83.8	84.6	87.3	91.0	94.2	95.9	97.1	97.4	98.3	99.0	99.4	99.6
IV 0	26.5	77.5	80.5	81.8	83.8	84.6	87.3	91.0	94.2	95.9	97.1	97.4	98.3	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 LORING AFB ME

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	22.4	37.4	37.6	37.7	37.8	37.9	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000	23.9	39.4	40.7	40.1	40.3	40.3	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 18000	24.3	40.4	40.6	40.7	40.9	40.9	41.0	41.0	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
≥ 16000	24.4	40.5	40.7	40.9	41.0	41.0	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 14000	24.6	41.0	41.2	41.3	41.5	41.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 12000	25.1	41.7	42.7	42.1	42.3	42.3	42.4	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 10000	26.1	43.3	43.9	43.7	43.9	44.0	44.0	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 9000	26.3	43.3	44.1	44.2	44.5	44.5	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 8000	27.1	45.4	45.7	45.3	46.1	46.1	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000	28.1	47.0	47.4	47.5	47.8	47.9	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 6000	28.7	48.3	48.7	48.3	49.2	49.2	49.3	49.4	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
≥ 5000	29.6	49.8	50.2	50.4	50.8	50.8	51.0	51.1	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.4
≥ 4500	29.9	50.5	51.7	51.2	51.6	51.6	51.8	51.9	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2
≥ 4000	31.2	53.2	53.7	54.0	54.5	54.6	54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 3500	32.1	54.6	55.2	55.5	56.1	56.2	56.4	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3000	33.4	58.0	58.7	59.0	59.9	60.0	60.3	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 2500	35.2	61.9	62.9	63.3	64.5	64.8	65.2	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2000	36.5	65.4	66.8	67.4	69.0	69.4	70.0	70.6	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 1800	36.9	66.3	67.7	68.3	70.0	70.5	71.1	71.7	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	38.0	69.2	71.2	71.7	73.6	74.2	75.1	75.9	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1200	35.5	70.3	72.7	73.5	75.8	76.5	77.5	78.5	79.1	79.5	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1000	38.9	72.1	74.7	74.9	77.3	78.1	79.3	80.5	81.4	81.9	82.2	82.2	82.2	82.3	82.3	82.3
≥ 900	39.7	72.5	74.5	75.3	75.1	79.0	80.3	81.2	82.6	83.3	83.6	83.6	83.7	83.7	83.7	83.7
≥ 800	39.7	73.2	75.5	76.5	79.2	80.3	81.3	83.7	84.8	85.6	86.1	86.1	86.2	86.2	86.2	86.2
≥ 700	39.1	73.6	76.0	77.0	79.9	83.9	82.6	84.7	85.9	86.9	87.5	87.6	87.6	87.7	87.7	87.7
≥ 600	39.1	73.6	76.3	77.4	80.3	81.5	83.2	85.4	86.6	88.1	88.8	88.9	89.0	89.1	89.1	89.1
≥ 500	39.2	74.2	76.8	78.0	81.1	82.3	84.2	86.9	88.5	90.1	91.1	91.3	91.4	91.5	91.5	91.5
≥ 400	39.2	74.4	77.2	78.5	81.9	83.2	85.2	88.1	90.0	91.9	93.3	93.6	93.9	94.1	94.1	94.1
≥ 300	39.2	74.5	77.4	78.8	82.3	83.7	85.9	89.2	91.3	93.4	95.3	95.8	96.5	96.7	96.7	96.7
≥ 200	39.2	74.5	77.4	78.9	82.4	83.9	86.2	89.6	92.0	94.2	96.4	97.1	97.9	98.3	98.4	98.5
≥ 100	39.2	74.5	77.4	78.9	82.4	83.9	86.2	89.8	92.0	94.3	96.7	97.5	98.7	99.2	99.5	99.7
≥ 0	39.2	74.5	77.4	78.9	82.4	83.9	86.2	89.8	92.0	94.3	96.7	97.6	98.7	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-423
 STATION

LORING AFB MC

STATION NAME

69-79

YEARS

ALL

ALL

HOURS 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	25.9	41.0	41.4	41.5	41.7	41.8	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.1
≥ 20000	29.5	44.7	45.1	45.3	45.6	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9
≥ 18000	29.9	45.2	45.5	45.8	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.5
≥ 16000	30.0	45.4	45.5	46.0	46.3	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6
≥ 14000	30.5	46.0	46.5	46.6	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3
≥ 12000	31.2	47.2	47.7	47.8	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5
≥ 10000	32.7	49.4	49.9	50.1	50.5	50.6	50.6	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.9	50.9
≥ 9000	33.1	50.0	50.5	50.7	51.1	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5
≥ 8000	34.9	52.8	53.3	53.6	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4
≥ 7000	36.0	54.7	55.3	55.5	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.5
≥ 6000	36.8	55.9	56.5	56.8	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.8
≥ 5000	37.3	57.5	58.5	58.8	59.4	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	60.0
≥ 4500	38.3	58.8	59.5	59.8	60.4	60.5	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.0
≥ 4000	40.3	62.1	63.1	63.3	64.0	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7
≥ 3500	41.6	64.2	65.2	65.6	66.3	66.5	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1
≥ 3000	44.1	68.2	69.3	69.8	70.7	71.0	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.8
≥ 2500	46.0	71.4	72.7	73.3	74.4	74.7	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.7
≥ 2000	47.4	74.1	75.6	76.3	77.6	78.0	78.5	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.2	79.2
≥ 1800	47.7	74.7	76.2	76.9	78.3	78.7	79.2	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.9	79.9
≥ 1500	48.7	76.8	78.5	79.3	80.9	81.5	82.0	82.5	82.6	82.6	82.6	82.6	82.9	82.9	82.9	83.0
≥ 1200	49.2	78.1	80.0	80.9	82.7	83.3	84.0	84.5	84.7	84.9	85.0	85.0	85.0	85.0	85.1	85.1
≥ 1000	49.7	79.3	81.3	82.3	84.4	85.0	85.8	86.5	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.4
≥ 900	49.8	79.8	81.9	82.9	85.1	85.8	86.6	87.4	87.7	88.0	88.1	88.2	88.2	88.2	88.3	88.3
≥ 800	50.1	80.6	82.8	83.9	86.2	87.0	88.0	88.6	89.2	89.6	89.6	89.6	89.6	89.9	89.9	90.0
≥ 700	50.2	81.1	83.5	84.7	87.1	88.3	89.3	90.0	90.4	90.8	91.1	91.2	91.2	91.2	91.3	91.4
≥ 600	50.3	81.6	84.1	85.4	88.0	88.9	90.0	91.0	91.5	92.1	92.4	92.5	92.5	92.6	92.6	92.7
≥ 500	50.4	82.1	84.9	86.2	89.1	90.2	91.5	92.7	93.3	93.9	94.3	94.4	94.5	94.6	94.7	94.8
≥ 400	50.4	82.3	85.3	86.8	89.9	91.2	92.6	94.0	94.6	95.3	95.8	96.0	96.2	96.2	96.3	96.4
≥ 300	50.4	82.5	85.5	87.0	90.4	91.7	93.3	94.9	95.7	96.5	97.2	97.4	97.6	97.8	97.8	97.9
≥ 200	50.4	82.5	85.5	87.1	90.5	91.9	93.6	95.4	96.2	97.1	97.9	98.2	98.6	98.8	98.9	99.1
≥ 100	50.4	82.5	85.5	87.1	90.5	92.0	93.6	95.4	96.3	97.3	98.1	98.5	99.0	99.3	99.5	99.7
≥ 0	50.4	82.5	85.5	87.1	90.5	92.0	93.6	95.4	96.3	97.3	98.2	98.5	99.0	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

67629

USAF ETAC

FORM
 JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE
DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY
SIGNIFICANT.

SKY COVER

JIN

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	25.2			17.3						13.0	44.5	6.1	925
	03-05	23.8			18.1						11.9	46.2	6.2	930
	06-08	15.5			22.3						15.8	46.4	6.7	929
	09-11	10.7			23.6						19.1	46.7	7.1	929
	12-14	8.7			22.2						21.2	43.0	7.4	930
	15-17	6.8			25.1						19.8	45.3	7.2	929
	18-20	18.8			21.3						14.6	45.2	6.5	929
	21-23	23.1			18.0						14.4	44.5	6.3	930
TOTALS		16.8			21.0						16.2	46.0	6.7	7431

SKY COVER

70-79

FEB

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	27.1			19.4						6.7	46.8	5.9	846
	03-05	25.1			16.7						11.7	46.6	6.2	846
	06-08	13.8			22.2						15.8	48.1	6.9	846
	09-11	11.5			21.9						17.4	49.2	7.1	845
	12-14	9.6			20.1						23.3	47.0	7.4	846
	15-17	8.3			23.8						21.6	46.3	7.3	846
	18-20	18.1			29.0						11.6	41.4	6.0	846
	21-23	25.9			21.2						11.6	41.3	5.8	845
TOTALS		17.4			21.8						15.0	45.8	6.6	6766

SKY COVER

MAR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF O'S	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	26.2			15.5						11.1	47.2	6.2	930
	03-05	26.2			15.8						11.2	46.8	6.2	930
	06-08	12.6			21.1						15.2	51.2	7.1	930
	09-11	10.2			18.5						21.1	50.2	7.5	930
	12-14	7.7			16.9						20.5	54.8	7.8	930
	15-17	6.5			17.0						22.4	54.2	7.9	930
	18-20	10.9			23.4						14.3	51.4	7.1	930
	21-23	22.4			17.1						9.8	50.8	6.5	930
TOTALS		15.3			18.2						15.7	50.8	7.0	7440

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14623 LORING AFB ME

70-79

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	20.8			17.6						12.9	48.7	6.6	896
	03-05	14.4			19.6						15.7	50.3	7.0	898
	06-08	9.4			18.0						18.2	54.5	7.6	898
	09-11	8.3			18.6						18.3	54.8	7.7	900
	12-14	4.1			19.0						21.1	55.8	8.0	900
	15-17	3.0			19.0						25.4	51.6	8.1	900
	18-20	7.3			23.9						20.0	48.8	7.4	900
	21-23	18.1			22.1						13.6	46.2	6.5	899
TOTALS		10.7			19.7						18.3	51.3	7.4	7191

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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GLOBAL CLIMATE DATA BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14623
STATION

LORING AFB ME
STATION NAME

70-79
PERIOD

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	22.7			17.5						14.6	45.2	6.4	930
	03-05	9.9			24.7						17.9	47.6	7.1	929
	06-08	7.5			22.2						17.6	52.7	7.5	930
	09-11	3.8			20.3						26.5	49.5	7.9	930
	12-14	2.9			18.9						28.0	50.2	8.1	930
	15-17	2.3			23.5						26.2	48.0	7.9	930
	18-20	5.3			27.9						21.7	45.1	7.3	929
	21-23	18.2			23.2						13.9	44.7	6.4	930
TOTALS		9.1			22.3						20.8	47.9	7.3	7438

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	15.1			25.6						16.4	42.9	6.5	900
	03-05	8.4			24.0						20.9	46.7	7.3	900
	06-08	6.9			18.7						25.7	48.7	7.7	899
	09-11	3.3			20.8						28.0	47.9	7.9	900
	12-14	1.7			21.4						31.9	45.0	8.0	900
	15-17	2.0			21.9						33.9	42.2	7.9	900
	18-20	3.8			24.0						31.2	41.0	7.6	900
	21-23	12.4			24.8						18.2	44.6	6.8	900
TOTALS		6.7			22.7						25.8	44.9	7.5	7199

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14623
STATION

LORING AFB ME
STATION NAME

70-79
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	17.7			27.1						20.7	34.5	6.1	922
	03-05	6.3			29.8						24.8	39.1	7.0	923
	06-08	6.7			24.5						25.2	43.6	7.4	928
	09-11	2.5			25.3						33.2	39.0	7.7	930
	12-14	.5			24.2						37.0	38.3	7.9	930
	15-17	.5			26.1						38.2	35.1	7.7	926
	18-20	2.5			29.2						35.0	33.3	7.4	925
	21-23	10.9			34.2						23.7	31.1	6.3	923
TOTALS		6.0			27.6						29.7	36.8	7.2	7407

SKY COVER

70-79

AUG

STATION

STATION NAME

PERIOD

WORTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF CBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	26.1			24.0						11.4	38.5	5.6	922
	03-05	16.9			28.2						19.1	35.8	6.1	922
	06-08	9.5			27.1						23.2	40.1	6.9	922
	09-11	4.7			26.6						28.6	40.1	7.4	930
	12-14	2.6			25.1						34.4	36.9	7.6	930
	15-17	2.4			32.9						30.6	34.1	7.2	929
	18-20	5.8			33.7						26.4	34.1	6.8	929
	21-23	20.1			27.2						18.1	34.6	5.9	924
TOTALS		11.0			28.2						24.0	36.8	6.7	7408

SKY COVER

SEP

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	24.2			20.5						14.3	41.0	6.0	897
	03-05	18.4			21.5						17.8	42.3	6.5	893
	06-08	7.3			25.6						24.2	43.0	7.2	896
	09-11	3.8			22.4						28.9	44.9	7.8	900
	12-14	2.6			22.8						30.7	44.0	7.8	900
	15-17	2.8			27.3						28.3	41.6	7.5	900
	18-20	10.6			27.7						21.4	40.3	6.8	900
	21-23	20.5			26.5						14.5	38.6	6.0	899
TOTALS		11.3			24.3						22.5	42.0	7.0	7185

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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14623 LORING AFB ME

70-79

OCT

STATION

SAT ON NAME

h2.2

MONITOR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	20.5			18.3						13.1	48.1	6.5	930
	03-05	18.8			19.7						14.9	46.7	6.6	928
	06-08	8.9			18.3						23.4	49.4	7.6	930
	09-11	6.7			17.2						25.7	50.4	7.9	929
	12-14	6.0			15.8						28.7	49.4	8.0	929
	15-17	7.0			21.7						24.2	47.1	7.5	930
	18-20	15.9			20.5						15.6	48.0	6.8	929
	21-23	20.7			18.0						12.1	49.3	6.6	929
TOTALS		13.1			18.7						19.7	48.6	7.2	7434

SKY COVER

14623
STATION

LORING AFB ME

70-79

NOV
1955

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	17.8			17.1						12.6	52.6	6.9	900
	03-05	17.9			17.1						12.7	52.2	6.9	898
	06-08	5.9			22.6						21.9	49.7	7.6	900
	09-11	3.1			18.4						26.3	52.3	8.1	899
	12-14	2.6			16.7						25.4	55.3	8.3	900
	15-17	3.0			20.6						26.7	49.8	8.0	900
	18-20	10.2			20.4						15.0	54.3	7.4	898
	21-23	14.9			17.9						14.7	52.4	7.1	897
TOTALS		9.4			18.9						19.4	52.3	7.5	7192

SKY COVER

DEC

STATION

STAT ON NAME

75-23

45

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	20.0			13.7						12.2	54.2	6.9	930
	03-05	22.7			11.2						9.8	56.3	6.9	930
	06-08	12.5			19.2						12.1	56.3	7.3	929
	09-11	9.9			19.0						17.8	53.2	7.5	930
	12-14	5.6			20.2						20.1	54.0	7.8	929
	15-17	6.9			24.6						16.1	52.4	7.4	927
	18-20	18.1			17.7						11.3	53.0	6.8	929
	21-23	20.0			14.1						12.7	53.2	6.9	930
TOTALS		14.5			17.5						14.0	54.1	7.2	7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14623 LORING AFB ME

69-79

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	16.8			21.0						16.2	46.0	6.7	7431
FEB		17.4			21.8						15.0	45.8	6.6	6766
MAR		15.3			18.2						15.7	50.8	7.0	7440
APR		10.7			19.7						18.3	51.3	7.4	7191
MAY		9.1			22.3						20.8	47.9	7.3	7438
JUN		6.7			22.7						25.8	44.9	7.5	7199
JUL		6.0			27.6						29.7	36.8	7.2	7407
AUG		11.0			28.2						24.0	36.3	6.7	7408
SEP		11.3			24.3						22.5	42.0	7.0	7185
OCT		13.1			18.7						19.7	48.6	7.2	7434
NOV		9.4			18.9						19.4	52.3	7.5	7192
DEC		14.5			17.5						14.0	54.1	7.2	7434
TOTALS		11.8			21.7						20.1	46.4	7.1	87525

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
 - b. Extreme minimum temperature
- NOTE:** Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding $\pm 1^{\circ}$ from directly converted values but excludes no Fahrenheit values.

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) † indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- b. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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GLOBAL CLIMATOLOGY BRANCH
WAFB
AIR WEATHER SERVICE/MAC
10005 LORING AFB ME

DAILY TEMPERATURES

5J-79

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
95						.8	.1						.0
90						5.5	1.9	1.0					.3
85					2.1	15.3	8.2	3.6	.1				1.6
80					4.9	30.7	24.9	13.9	3.0				5.2
75				.1	9.8	51.1	36.7	9.1	.7				11.6
70			.1	.2	17.8	52.4	76.4	60.6	23.0	3.4			19.7
65				2.0	31.4	74.3	92.1	82.9	39.9	9.3	.1		27.9
60				5.6	47.6	87.2	98.3	95.9	63.3	17.7	2.2		35.0
55			.7	13.3	64.7	95.4	100.0	99.6	85.3	33.1	6.3	.3	41.8
50			1.8	28.2	81.0	98.7		99.9	95.1	54.5	11.6	1.6	47.9
45	.9	1.1	8.3	47.0	93.4	100.0		100.0	99.8	75.3	21.7	3.7	54.5
40	3.6	4.0	22.0	70.7	98.8				100.0	89.0	37.8	7.3	61.3
35	10.0	12.9	42.9	88.2	99.9					96.2	57.1	16.6	68.9
30	21.9	28.1	64.4	96.9	100.0					99.9	80.0	30.9	77.0
25	36.5	47.4	80.5	99.4						100.0	93.6	48.7	84.0
20	51.6	65.6	91.9	99.9							97.8	66.7	89.5
15	67.1	77.9	97.0	100.0							99.7	80.8	93.6
10	78.6	87.3	99.3								100.0	89.4	96.3
5	88.3	92.9	99.9									95.7	98.1
0	94.4	96.7	100.0									98.6	99.1
-5	98.8	99.5										100.0	99.9
-10	99.7	99.9											100.0
-15	100.0	100.0											100.0
MEAN	19.6	22.6	32.4	44.5	59.5	70.0	74.6	71.7	62.9	51.0	37.4	24.0	47.5
S.D.	11.950	10.911	9.060	8.825	10.823	8.888	7.040	7.266	8.340	9.375	9.561	11.185	21.615
TOTAL OBS.	899	819	899	870	897	870	899	899	870	899	870	899	10590

CLIMATE BRANCH
 WEATHER SERVICE/MAC
 LORING AFB ME

DAILY TEMPERATURES

STATION

STATION NAME

50-72

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

"MINIMUM"

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
65						2.6	7.5	4.1	.7				1.3
60					.9	10.6	26.8	17.8	3.7				5.0
55				.1	3.7	29.0	59.8	40.9	11.6	.8			12.3
50				.3	10.7	55.2	85.1	67.0	25.7	4.1	.7		20.9
45				.9	28.1	76.4	97.6	89.2	49.2	13.8	2.4	.1	30.2
40		.1	.3	4.9	53.1	94.3	99.9	98.8	70.8	23.8	6.1	.7	33.4
35	.4	.5	3.0	17.6	75.9	99.3	100.0	100.0	88.7	48.9	14.3	1.8	46.1
30	1.2	1.0	8.0	29.5	84.6	99.9			93.8	60.5	19.7	3.7	50.4
25	2.8	2.6	13.3	53.6	94.1	100.0			98.7	77.5	32.1	6.0	57.0
20	6.2	7.2	27.7	79.0	99.2				100.0	93.2	53.2	12.2	65.1
15	13.0	15.0	42.4	90.6	99.9					98.9	70.5	23.4	71.3
10	22.6	24.4	56.7	96.0	100.0					100.0	86.6	35.2	77.0
5	31.8	38.0	71.1	98.4							94.0	50.2	82.1
0	44.8	50.9	83.4	99.7							98.5	62.8	86.8
-5	58.7	65.7	92.5	100.0							99.8	77.2	91.3
-10	73.2	78.1	97.7								100.0	87.8	94.8
-15	84.3	87.7	99.8									94.3	97.2
-20	91.5	94.5	99.9									98.3	98.7
-25	97.3	98.5	100.0									99.7	99.6
-30	99.6	99.9										100.0	100.0
-35	100.0	100.0											100.0
MEAN	3.2	5.1	16.4	29.0	40.2	50.5	55.9	52.9	44.4	35.3	24.9	9.4	30.6
S.D.	13.371	12.787	11.175	7.056	7.452	7.056	5.904	6.619	7.903	7.695	9.486	12.595	20.383
TOTAL OBS.	899	819	899	870	897	870	899	899	870	899	870	899	10590

Best Available Copy

Not Available Com

511-79

STATION

STATION NAME

YEARS

MAY 1964

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

14623 LORING AFB ME

50-79

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												59	
51	40	47	53	65	87	86	86	81	84	67	64	50	87
52	39	37	41	68	79	84	95	92	79	65	50	41	95
53	45	49	55	58	84	87	91	87	85	75	64	49	91
54	38	44	47	69	82	85	81	82	78	73	58	43	85
55	35	44	45	66	85	92	93	84	78	68	48	28	93
56	44	37	42	57	70	91	81	82	79	69	66	42	91
57	43	38	42	68	80	89	86	81	78	70	55	53	89
58	38	36	47	68	69	78	85	86	78	68	51	32	86
59	47	36	49	66	88	85	90	85	83	68	63	40	90
60	38	38	44	61	88	86	82	90	81	61	57	46	90
61	33	39	44	54	80	81	84	82	82	71	60	47	84
62	46	39	72	60	85	86	81	82	74	73	46	43	86
63	38	32	48	63	79	87	91	79	76	74	60	36	91
64	40	37	49	69	85	85	91	82	71	70	51	52	91
65	39	37	48	59	72	88	81	90	84	67	49	36	90
66	44	45	45	53	85	83	82	79	79	61	60	54	85
67	37	36	42	58	65	90	85	83	80	65	60	39	90
68	32	43	50	77	76	77	93	81	83	79	43	41	93
69	43	49	54	66	82	93	86	89	81	71	61	54	93
70	38	49	49	55	81	87	88	89	74	77	59	40	89
71	38	40	44	54*	81	87	83	85	82	72	58	42	87
72	43	40	46	65	86	84	87	78	84	67	44	40	87
73	41	45	50	63	68	83	89	84	84	70	46	53	89
74	42	35	50	61	85	84	88	86	79	70	56	48	88
75	41	39	49	57*	80	91	85	94	74	71	60	47	94
76	45	47	48	66	82	88	90	92	82	71	45	40	92
77	33	36	53	60	89	85	87	88	76	65	60	41	89
78	45	33	40	54	88	86	85	89	79	65	60	37	89
79	45	41	59	70	37	90	86	85	93	76	57		
MEAN	40.3	40.3	48.4	62.9	61.0	85.1	86.8	85.1	79.7	69.6	55.6	43.9	89.3
S D	4.091	4.927	6.367	5.580	6.811	3.739	3.988	4.276	3.628	4.354	6.619	7.203	2.785
TOTAL OBS	899	819	899	870	897	870	899	899	870	899	870	899	10540

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

14523 LORING AFB ME
STATION

50-79
YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50													-19	
51		-30	-23	-6	25	27	34	47	43	31	26	5	-23	-30
52		-25	-2	2	13	29	44	43	41	31	20	14	-12	-25
53		-9	-13	-6	27	28	35	45	42	30	24	17	-7	-13
54		-27	-17	0	4	30	40	44	41	36	22	18	-4	-27
55		-22	-24	-13	18	30	41	45	43	30	25	11	-14	-24
56		-12	-7	-3	21	24	37	45	39	27	22	2	-18	-18
57		-28	-16	-1	11	26	35	47	38	34	20	1	-3	-28
58		-11	-12	15	24	27	35	45	44	33	22	3	-24	-24
59		-14	-20	-8	20	32	40	43	40	31	19	1	-8	-20
60		-19	-9	-5	13	31	38	45	43	31	22	15	-13	-19
61		-22	-18	-5	17	28	37	47	43	34	24	12	-2	-22
62		-21	-29	-3	16	28	39	41	41	29	18	8	-12	-29
63		-21	-22	-8	13	28	38	48	39	27	22	14	-16	-22
64		-14	-9	-2	2	30	34	43	43	27	21	-4	-12	-14
65		-24	-15	3	15	26	34	40	36	26	19	4	-9	-24
66		-11	-24	2	17	20	37	46	41	30	18	9	-7	-24
67		-19	-23	-10	8	28	35	47	45	31	25	8	-12	-23
68		-19	-19	-16	18	28	34	41	39	34	28	5	-13	-19
69		-3	-16	-2	6	31	41	38	40	31	21	3	-8	-16
70		-18	-11	5	11	29	39	43	44	36	23	7	-16	-18
71		-22	-19	1	19*	32	32	43	43	28	21	11	-17	-22
72		-25	-20	-6	8	23	39	43	40	34	17	4	-14	-25
73		-18	-22	-6	11	32	38	47	43	30	17	10	-3	-22
74		-23	-13	-6	9	19	37	45	42	29	17	4	-2	-23
75		-22	-18	-6	8*	32	35	49	40	33	24	7	-19	-22
76		-22	-14	-6	13	31	38	47	42	32	21	6	-14	-22
77		-19	-11	13	7	25	42	45	44	33	27	8	-16	-19
78		-13	-13	1	7	24	42	41	35	30	17	-2	-6	-13
79		-18	-15	-5	20	30	41	44	42	31	27	15		
MEAN		-19.0	-16.3	-2.8	13.9	27.6	37.6	44.4	41.2	31.1	21.7	7.4	-11.8	-21.7
S.D.		6.135	5.966	6.597	6.360	3.355	2.993	2.583	2.385	2.549	3.230	5.610	6.089	4.613
TOTAL OBS		899	819	879	870	897	870	899	899	870	859	870	899	10590

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME

7-79

JAN
MONTH

STATION

STATION NAME

YEARS

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
45/45	.1																	1	1	1	1			
44/43	.2	.1																3	3	3	3			
42/41	.1	.2																3	3	1	1			
41/39		.5	.2															5	5	2	1			
38/37	.2	1.1																12	12	9	1			
38/35	.4	.8	.5															16	16	17	13			
37/33		1.4	.9	.3														24	24	8	14			
35/31	.8	1.5	.5	.2	.2													28	28	26	15			
32/29	.2	1.2	.3															17	17	22	10			
32/27	.4	.3	.5															12	12	25	17			
31/26	.2	2.3	.8															30	30	15	16			
29/22	.3	1.9	.2															23	23	30	16			
22/21	.9	3.3	.3															42	45	36	7			
19/19	.6	3.2	.1															37	37	36	23			
18/17	.1	2.7	.1															27	27	35	38			
15/15	.1	1.7	.3															20	20	23	26			
14/13	.6	4.4	.1															50	50	28	26			
11/11	1.1	3.2	.2															40	40	55	34			
9/9	1.0	4.9																54	54	43	32			
8/8	.1	6.6																62	52	43	35			
5/5	.2	5.1	.1															49	49	72	31			
4/3	.5	4.8																49	49	47	27			
3/3	.8	3.7																41	41	54	33			
2/1	1.1	1.9																47	47	47	41			
0/0	1.4	1.5																27	27	39	44			
-1/1	2.1	1.3																31	31	29	43			
-6/-7	7.8	.3																29	29	35	36			
-7/-9	3.8																	35	35	36	45			
-10/-11	4.0																	45	45	45	38			
-17/-13	2.5																	23	23	23	34			
-14/-15	3.1																	29	29	29	31			
-13/-17	.9																	8	8	8	36			
-11/-19	.3																	3	3	3	38			
-25/-21	.4																	4	4	4	27			
Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

73-79

YEARS

153
MONTH

PAGE 2

~~000-0200~~
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
-2/-25																						32
-2/-25																						26
-2/-27																						15
-2/-29																						12
-2/-31																						2
-2/-33																						1
TOTAL	34.359	7	5.3	.5	.1															929		926
																		926		926		
															</							

USAFETAC
FORM
JAN 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

126
MONT

PAGE 1 0300-0500
HOURS 'L. S. T.'

[illegible]

PSYCHROMETRIC SUMMARY.

7-79

YEARS

MONTE

PAGE 2

33 DL-6500
HOURS 11-5-71

GLOBAL CLIMATOLOGY BRANCH
SCAFETY
AIR-WEATH-SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION LORING AFB ME STATION NAME

7-79 YEARS

YEARS

JAN MONTH

PAGE 1

0600-0600 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

MCNTM

PAGE 2

2650-2250
1948: 5 7 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
-1/-25	.1																		1	1	1	33														
-1/-27																						26														
-1/-29																						23														
-1/-31																						23														
-1/-33																						3														
TOTAL	3° .256 .8	4 .3	.1																925		925															
																			925		925															

PSYCHROMETRIC SUMMARY

75-79

_____ MONTH

PAGE 1 2900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY:

72-73

YEARS

1000

Page 2

~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-5	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.S.	W.B.	Dry Bulb	Wet & B.	Dew Point													
-2/-23	.1																			1	1	1	42												
-7/-25																							14												
-12/-27																							21												
-18/-29																							11												
-23/-31																							2												
-27/-33																							1												
-31/-35																							5												
TOTAL	27.561	211.0	.1																	920	930		920												
																				920			920												

PSYCHROMETRIC SUMMARY

<u>14-00000</u>	<u>LOOKING AFB ME</u>	<u>73-79</u>	<u>124</u>
STATION	STATION NAME	YEARS	MONTH

PAGE : 1253-1400
(U. S. F.)

PSYCHROMETRIC SUMMARY

14523
STATIO

LORING AFB ME

72-79

YEARS

195
MONTH

PAGE 3

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
-22/-23																						9										
-24/-25																						11										
-26/-27																						12										
-28/-29																						4										
-30/-31																						3										
-32/-33																						2										
TOTAL	12.86	2.62	2.3	2.2	.3	.1													927	930	927											

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM 4-75

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14523 LORING AFB ME
STATION STATION NAME

72-70

YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
45/ 45		.2																2	2					
44/ 43	.3	.1																4	4	6	6			
42/ 41	.1	.6			.1													8	8	4	4			
41/ 39		.8	.8			.1												15	15	5	5			
38/ 37	.6	1.8	.5	.3	.1													32	32	13	12			
36/ 35	.3	.9	.8															18	18	27	12			
34/ 33	.3	.6	.6															15	15	20	14			
32/ 31	.1	.4	.8	.1														13	15	17	15			
27/ 29	.1	.9	.9	.1	.1													19	19	13	9			
28/ 27	.3	1.6	1.6	.2														37	37	18	16			
25/ 25	.3	2.3	1.7	.1														41	41	29	13			
23/ 23		1.7	1.7	.1														33	33	40	14			
22/ 21	.3	3.2	1.8	.2														56	56	47	8			
17/ 19	.3	2.2	2.6	.2														49	49	48	37			
15/ 17		4.5	1.3															54	54	40	24			
16/ 15		4.6	2.2															63	64	69	27			
14/ 13	.2	3.2	1.2															43	47	58	39			
12/ 11	.1	4.1	1.2															50	57	48	40			
9/ 9	.1	5.4	.4															55	55	52	44			
6/ 7	.2	4.2	.3															42	42	58	46			
5/ 5		4.3																40	40	46	41			
4/ 3		4.0																41	41	41	35			
1/ 1		7.2																67	58	46	50			
1/ -1	1.9	1.8																35	35	73	47			
-2/ -3	.9	2.3																29	29	39	36			
-4/ -5	.4	1.9																22	22	21	44			
-5/ -7	1.5	.6																20	20	25	34			
-8/ -9	1.3																	12	12	12	46			
-11/-11	.6																	6	6	6	45			
-12/-13	.2																	2	2	2	23			
-14/-15	.2																	2	2	2	41			
-16/-17	.1																	1	1	1	43			
-18/-19																					21			
-20/-21																					13			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26.5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

PAGE 2 1500-1740
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

11523	LORING AFB ME
STATION	STATION NAME

72-79

YEARS

123
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

1800-2200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-2/-23																																	15		
-1/-23																																	9		
-2/-27																																	12		
-3/-29																																	5		
-5/-31																																	2		
TOTAL	21.2	69.9	9.0	.5	.3																												929		
																																	929		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A1- WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14.23 STATION LORING AFB ME STATION NAME 76-79 YEARS JAN MONTH
PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
44/43	.1	.4																5	5	3	3														
42/41	.1																	1	1	3															
40/39	.2	.6	.4															12	12	2	3														
38/37	.1	.6																7	7	1	4														
36/35	.3	1.7	.6															25	25	16	9														
34/33	.4	1.3	.6	.3	.1													26	26	19	1														
32/31	.4	.6	.2	.1	.1													15	15	21	25														
30/29	.3	1.2	1.0															23	23	17	10														
28/27	.3	1.5	.3															20	20	28	9														
26/25	.4	1.7	.3															23	23	18	19														
24/23	.1	2.5	.6															30	30	22	17														
22/21	.3	3.1	.5															37	37	37	15														
20/19	.6	3.6	.3															42	43	33	28														
18/17	.3	3.2	.5															38	38	41	26														
16/15	.3	3.7	.6															43	43	49	24														
14/13	.1	4.5	.1															44	44	36	18														
12/11	.4	4.2	.2															45	45	52	35														
10/9	1.3	4.4	.3															58	58	50	48														
8/7	.3	5.7																59	59	50	36														
6/5	.2	3.4																34	34	65	40														
4/3	.2	3.7																36	36	33	46														
2/1	.2	4.2																41	41	46	44														
0/-1	4.1	1.6																53	53	56	33														
-2/-3	.9	2.8																34	34	37	32														
-4/-5	1.4	1.8																30	30	33	33														
-6/-7	2.9	.8																34	34	40	42														
-8/-9	6.0																	56	56	57	41														
-10/-11	7.6																	24	24	24	35														
-12/-13	1.6																	15	15	15	39														
-14/-15	1.4																	13	13	13	43														
-16/-17	.2																	2	2	2	26														
-18/-19	.6																	4	4	4	36														
-20/-21																					17														
-22/-23																					31														
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

_____ MONTH

2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-24/-25																					6			
-25/-27																					15			
-27/-29																					11			
- / -31																					2			
TOTAL	25.8	3.4	7.1	.4	.2													929	930	929	929			

PSYCHROMETRIC SUMMARY

1-523	LORING AFB ME
STATION	STATION NAME

70-79

YEARS

11
MONTH

PAGE 1

ALL
HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
-2/-23	.7																	14	14	14	176											
-24/-25	.3																	1	1	1	137											
-26/-27																					158											
-28/-29																					82											
-30/-31																					46											
-32/-33																					15											
-34/-35																					7											
TOTAL	25,562.210.4	.7	.1	.0															7439		7406											

PSYCHROMETRIC SUMMARY

1423 LORING AFB ME
STATION STATION NAME

71-79

YEARS

FSR
MONTH

PAGE 1 2001-02.C
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LOPING AFB ME STATION NAME

71-79 YEARS

FFF MONTH

PAGE 2

0000-0200 HOURS L. S. T. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
-1/-19	0.1																	1	1	1	27											
-1/-21																					23											
-2/-23																					23											
-2/-25																					5											
-1/-27																					7											
-1/-31																					3											
-2/-33																					846											
TOTAL	25.166	5	7.3																		846											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 LEONINE AFB ME 70-75 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 7300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
47																		1	1	1																
46																		1	1	1																
45			.2	.2														4	4	2																
44			.1															1	1	2	2															
43																				2	1	1														
42		.1	.1															2	2	1	1															
41		.5	1.5	.5														20	20	8	6															
40		.5	1.2	.4														21	21	23	16															
39			1.7	.4														17	17	12	19															
38		.5	1.2	.5														25	25	26	3															
37		.5	1.9	.2														22	22	18	14															
36		.2	2.0	.1														20	20	22	23															
35		.4	3.7	.4														37	37	25	13															
34		1.3	2.4	.8														34	34	29	18															
33		1.4	4.6	.7														57	57	30	30															
32		.5	3.6	.5														41	41	48	34															
31			4.4	.2														39	39	40	34															
30		.1	3.7	.2														34	34	35	28															
29		.7	3.0	.1														32	32	38	23															
28		.6	3.7	.1														37	37	25	38															
27		.7	4.5															44	44	44	50															
26		.5	3.1															30	30	39	21															
25		.9	3.1															34	34	36	32															
24		.9	5.8															57	57	55	31															
23	1.7	1.9																32	32	42	25															
22	1.6	2.0																32	32	35	35															
21	1.2	1.9																23	23	24	38															
20	1.5	.5																17	17	25	37															
19	4.7																	40	40	42	30															
18	4.6																	39	39	39	35															
17	2.1																	17	17	17	19															
16	2.2																	19	19	19	20															
15	1.2																	10	10	10	18															
14	.8																	7	7	7	37															
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 44 0-26-5 (OL A) (REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME
STATION STATION NAME

71-79

YEARS

FEA
MONTH

PAGE 2

0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME STATION NAME

76-79 YEARS

FEF MONTH

PAGE 1 3670-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point									
44/ 43		.6																5	5										
42/ 41		.4																3	3	7	5								
40 / 39		.2																2	2	1	3								
38/ 37	.7	.2																8	8	8	4								
36/ 35	.1	.5	.4															8	8	4	4								
34/ 33	.6	.9	.2															15	15	12	6								
32/ 31		1.5	.5															17	17	13	10								
30 / 29	.9	2.4	.1															29	29	24	11								
28/ 27	.6	2.2	.5															28	28	29	16								
26/ 25	.8	1.7	.9															26	26	22	25								
24/ 23	.1	2.4		.1														22	22	26	18								
22/ 21	1.1	2.6	.2	.1														34	34	32	13								
20 / 19	.6	3.8	.2															39	39	24	28								
18/ 17	.2	4.7	.2															44	44	43	19								
16/ 15	.1	4.5	.1															40	40	42	27								
14/ 13	.1	4.2	.2															37	37	33	31								
12/ 11	1.2	3.7	.4															44	44	46	32								
10 / 9	.6	4.3																41	41	40	35								
8/ 7	.5	3.4																34	34	39	49								
6/ 5	.7	2.8																30	30	34	32								
4/ 3	1.2	4.3																46	46	39	26								
2/ 1	.1	4.7																41	41	43	30								
0 / -1	3.4	.7																35	35	51	32								
-2/ -3	2.1	1.5																30	30	30	28								
-4/ -5	.7	2.2																25	25	17	34								
-6/ -7	2.6	.6																27	27	37	37								
-8/ -9	3.5																	30	30	34	40								
-10/-11	3.1																	26	26	26	23								
-12/-13	3.9																	33	33	33	15								
-14/-15	2.2																	19	19	19	24								
-16/-17	1.5																	13	13	13	23								
-18/-19	1.2																	11	11	11	27								
-20/-21	.4																	3	3	3	30								
-22/-23	.1																	1	1	1	26								
Element (X)	ΣX²		ΣX		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ						
Rel. Hum.																													
Dry Bulb																													
Wet Bulb																													
Dew Point																													
Mean No. of Hours with Temperature																							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

YEARS

FEB
MONTH

PAGE 2

2633-5800
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM 1

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME

70-79

YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
46/ 47		.1																1	1					
45/ 45		.1																1	1	2	1			
44/ 43		.8																7	7	2	1			
42/ 41																				5	3			
41/ 39		.6	.1	.2														8	8		4			
40/ 37	.5	.4	.2	.1														10	10	9	4			
38/ 35		.5	1.1	.5														17	17	6	5			
36/ 33	.4	.8	.5															17	17	12	4			
35/ 31	.2	2.7	.2															27	27	25	9			
34/ 29	.6	2.5	.9															34	34	36	14			
32/ 27	.4	2.8	1.4	.1														40	40	31	22			
30/ 25	.2	2.2	1.3	.1														33	33	32	35			
28/ 23	.2	2.1	1.4	.2														34	34	34	21			
26/ 21	.2	2.0	2.3	.1														37	37	32	23			
25/ 19	.3	5.6	.9															61	61	40	22			
24/ 17	.2	3.3	.6															35	35	61	23			
22/ 15	.1	5.1	1.2															54	54	49	32			
20/ 13	.4	3.9	1.2															46	46	51	32			
19/ 11	.5	3.4	.9															41	41	39	40			
18/ 9	.7	5.3	.6															56	56	54	56			
17/ 7		4.3	.1															37	37	43	50			
16/ 5	.1	3.7																32	33	40	33			
15/ 3	.4	4.3																39	39	33	24			
14/ 1	.4	3.1																29	29	39	34			
13/ -1	1.2	1.4																22	22	34	32			
12/ -3	.5	3.2																30	30	29	31			
11/ -5	.5	1.7																18	18	21	25			
10/ -7	1.5	1.2																23	23	26	31			
9/ -9	3.3																	26	26	33	26			
8/ -11	1.8																	15	15	15	30			
7/ -13	.6																	5	5	5	26			
6/ -15	.9																	6	8	8	27			
5/ -17																					24			
4/ -19																					22			
Element (X)	Σx'		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LORING AFB ME

74-79

FFP
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1/-21																					27
-2/-23																					21
-3/-25																					24
-4/-27																					13
-5/-29																					6
-6/-39																					1
TOTAL	16.367	115.1	1.4															845	846	845	545

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME

76-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
44/43		.4			.1													4	4	1	
42/41		.6			.1													6	5	4	2
40/39	.4	.6	.1	.5														13	13	6	5
38/37	.4	.5	1.2	1.2														27	27	8	3
36/35		.8	.7	.7														19	19	6	7
34/33	.5	1.4	1.7	.7	.1													38	38	33	9
32/31	.2	2.0	1.7	.8	.5													45	45	38	3
30/29	.6	1.5	1.7	.2	.1													35	35	35	25
28/27	.1	2.1	3.2	.5														50	50	35	21
26/25	.4	1.9	3.4	.5														52	52	47	36
24/23		2.7	2.2	.4														45	45	52	22
22/21	.4	1.5	3.0	.1														42	42	57	34
20/19	.4	3.9	4.1	.4														74	74	42	29
18/17	.2	2.8	2.8	.2														52	52	62	38
16/15		4.1	2.5	.1														57	57	71	39
14/13		1.5	1.5															26	26	50	34
12/11		2.4	2.1															38	38	32	39
10/9		3.1	2.4															45	45	41	62
8/7		4.8	.8															48	48	43	29
6/5		2.2	.1															18	18	52	46
4/3		2.8																24	24	22	39
2/1		2.2																19	19	24	30
0/-1	.5	1.2																14	14	27	25
-2/-3	.4	2.5																24	24	20	26
-4/-5	.1	2.2																20	20	16	29
-6/-7	.9	.6																9	9	19	22
-8/-9	.2																	2	2	3	37
-10/-11																					23
-12/-13																					21
-14/-15																					20
-16/-17																					10
-18/-19																					22
-20/-21																					22
-22/-23																					11
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

722
MONTH

PAGE 2 123D-1433
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.d. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-1/-25																						7														
-4/-37																						6														
TOTAL	5.2	32.2	35.2	6.3	1.1														846	846		345														
						</																														

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11623 LORING AFB ME STATION NAME

73-79 YEARS

FF3 MONTH

PAGE 1 1526-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
45/ 45		.1																1	1						
44/ 43		.2				.1												3	3	2	1				
42/ 41		.1			.1	.1												3	3	1	2				
4 / 39		.5	.2	.6														13	13	1					
35/ 37	.1	1.7	.6	.7														28	28	5					
35/ 35	.2	.4	1.1	1.3														25	25	24					
34/ 33	.5	1.7	1.3	.7	.1													40	40	28	14				
32/ 31	.1	1.3	2.2	.8	.2													40	40	29	17				
3 / 29	.2	1.7	1.1	.7	.1													32	32	45	14				
25/ 27		2.5	3.7	1.5														55	65	37	71				
25/ 25	.1	2.4	2.7	.8														51	51	45	41				
24/ 23	.2	1.7	2.0	.7														39	39	55	27				
27/ 21	.5	1.9	5.2	.6														71	71	56	31				
2 / 19	.4	4.4	3.2	.1														68	68	47	27				
15/ 17	.1	2	2.8	.4														46	46	89	33				
16/ 15		3.1	2.8															50	50	45	4				
14/ 13		1.9	1.8															31	32	46	3				
12/ 11		2.1	3.0															43	43	43	17				
1 / 9	.2	1.8	2.4															37	37	40	57				
5/ 7		3.3	.7															34	34	43	45				
8/ 5	.1	3.3	.1															30	30	35	39				
4/ 3		2.7																23	23	31	45				
7/ 1		1.7																14	14	24	21				
/ -1	.4	1.5																16	16	23	24				
-2/ -3		2.6																22	22	22	33				
-4/ -5	.4	1.1																12	12	12	27				
-6/ -7	.5	.4																7	7	13	25				
-8/ -9	.1																	1	1	1	24				
-1 / -11																					35				
-12/ -13																					21				
-14/ -15																					23				
-16/ -17																					12				
-18/ -19																					24				
-20/ -21																					16				
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 °	≥ 93 F					Total				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

2423 LOSING AFB MS

71-70

555

STAT 200

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

REVISIONS AND PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D.26.5 (OL A)

WFO

JSAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LOPING AFB ME 70-79 YEARS FEB MONTH
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
47 / 47			.2																2	2															
46 / 45			.1																1	1		3											2		
44 / 43																																			1
43 / 39			.2	.7	.1														9	9															
39 / 37		.1	.7	.4	.4														13	13		3													
37 / 35		.4	1.2	.5	.2														20	20		20												5	
34 / 33	.6	1.4	2.4	.1															38	38		20												9	
32 / 31	.1	1.9	1.6	.2															34	34		22												20	
29 / 29	.5	1.5	1.6																32	32		50												14	
28 / 27		3.3	1.9																44	44		23												17	
25 / 25	.1	2.9	1.4	.4															45	40		44												22	
24 / 23	.1	1.7	2.1																32	32		37												26	
22 / 21	1.1	2.7	3.6	.2															60	60		38												38	
21 / 19	.4	3.9	1.9	.1															53	53		41												35	
18 / 17	.5	4.1	1.9	.1															56	56		74												29	
17 / 15		3.3	.6																33	33		49												58	
14 / 13		3.9	1.6																47	47		42												31	
12 / 11	.6	4.3	1.1																53	53		50												31	
9 / 9		5.7	.6																53	53		51												53	
8 / 7		3.2	.5																31	31		47												50	
5 / 5		2.7	.1																24	24		35												49	
4 / 4		3.7																	31	31		26												35	
2 / 1		3.9																	33	33		33												36	
1 / -1	1.6	1.4																	27	27		45												17	
-2 / -2	.5	1.8																	19	19		24												22	
-4 / -5	.4	2.5																	24	24		15												26	
-6 / -7	1.2	.7																	16	16		26												30	
-8 / -8	1.3																		11	11		13												29	
-11 / -11	.8																		7	7		7												32	
-12 / -12	.4																		3	3		3												25	
-14 / -15																																			38
-15 / -17																																			9
-18 / -19																																			20
-21 / -21																																			19
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

1-23 LOPING AFB ME
STATION STATION NAME

71-79

YEARS

FEB
MONTH

PAGE 2 1827-2070
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

14:23	LORING AFB ME
STATION	STATION NAME

72-79

YEARS

FEF
MONTH

PAGE : 2100-2300
HOURS (L. S. I.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
40 / 47		.4																3	3	2	1														
40 / 45																					1														
42 / 41		.4																3	3																
42 / 39		.4	.2															5	5	4															
38 / 37	.4	.4	.2															6	8	5	5														
38 / 35	.1	1.1	.1															11	11	9	8														
38 / 33	.4	1.3	1.4															26	26	14	12														
37 / 31		2.4	1.5															33	33	13	7														
37 / 29	.4	1.9	1.1															28	25	41	13														
37 / 27	.1	4.8	1.1															51	51	35	12														
37 / 25	.2	3.4	.6															36	36	46	24														
37 / 23		1.7	.9															22	22	34	37														
37 / 21	.6	2.5	1.5															39	39	28	42														
37 / 19	.2	3.8	1.5															53	53	37	37														
36 / 17	.5	4.6	.9															52	52	57	24														
36 / 15		3.9	.9															41	41	53	35														
36 / 13		4.4	.7															43	43	40	23														
36 / 11	1.1	3.5	.7															45	45	51	27														
36 / 9	.5	6.1	.2															57	57	45	49														
36 / 7	.8	3.8	.1															40	40	53	43														
36 / 5	.4	3.8																35	35	39	31														
36 / 3	.4	3.2																30	30	34	42														
36 / 1		2.2																19	19	23	41														
36 / -1	2.2	1.7																31	31	34	23														
36 / -3	1.1	2.7																32	32	35	30														
36 / -5	.5	2.4																24	24	23	35														
36 / -7	2.5	1.4																33	33	39	14														
36 / -9	2.4																	23	23	25	19														
36 / -11	1.5																	13	13	13	33														
36 / -13	.7																	6	6	6	22														
36 / -15	.7																	5	6	6	29														
36 / -17	.1																	1	1	1	29														
36 / -19																					26														
36 / -21																					20														
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM 4

JSAFETAC

PSYCHROMETRIC SUMMARY

72-79

YEARS

353
MONT

PAGE 2 2150-23.0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
-12/-23																																	17		
-14/-25																																	15		
-16/-27																																	7		
-18/-29																																	2		
-20/-31																																	1		
-22/-33																																	1		
-24/-35																																	1		
-26/-37																																	1		
-28/-39																																	1		
TOTAL	15.267	8.13	9																														846		
																																	846		
																													</						

PSYCHROMETRIC SUMMARY:

71-78

YEARS

652

PAGE 1

1000

WEEKS 1-5-2011

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.S.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
5 / 46		.1																1	1																
6 / 47		.1																9	9	2	2														
7 / 48		.2	.1															4	4	6	6														
8 / 49		.3	.2															24	24	7	7														
9 / 50		.3	.2	.1														21	21	21	18														
10 / 51		.4	.3	.2	.1													50	50	16	17														
11 / 52	.1	.5	.4	.3														93	98	39	19														
12 / 53	.2	.9	.6	.3														139	174	53	37														
13 / 54	.3	1.3	1.2	.2														219	219	167	75														
14 / 55	.1	1.9	1.2	.2	.1													237	237	159	108														
15 / 56	.5	1.8	1.1	.1	.1													235	235	236	127														
16 / 57	.3	2.9	1.5	.3														337	337	217	133														
17 / 58	.2	2.5	1.4	.2														289	289	294	241														
18 / 59	.2	2.3	1.2	.2														259	259	297	162														
19 / 60	.3	2.3	2.1	.2														360	360	330	228														
20 / 61	.7	4.2	1.5	.1														458	458	299	244														
21 / 62	.3	3.7	1.3	.1														361	361	485	238														
22 / 63	.1	4.2	1.1	.3														361	361	391	263														
23 / 64	.1	3.4	.9															298	299	351	236														
24 / 65	.5	3.1	1.1															328	328	340	263														
25 / 66	.5	4.5	.8															390	390	337	393														
26 / 67	.3	4.1	.3															316	316	362	363														
27 / 68	.3	3.0	.1															223	224	323	276														
28 / 69	.4	3.5																265	264	246	277														
29 / 70	.2	3.3																241	241	276	271														
30 / 71	1.7	1.5																212	212	287	216														
31 / 72	.9	2.3																215	215	228	228														
32 / 73	.7	1.9																172	172	157	232														
33 / 74	1.6	.9																164	164	217	239														
34 / 75	2.6																	173	173	194	238														
35 / 76	1.9																	130	130	130	240														
36 / 77	1.1																	68	68	68	167														
37 / 78	.9																	55	59	58	212														
38 / 79	.5																	39	34	34	149														
Element (°X)	ΣX'	ΣX	X	X	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26.5 (Q LA) REV. 4-74
UNITED AIRCRAFT (DIVISION) OF THE KODAK AIRCRAFT

JSAFETAC

PSYCHROMETRIC SUMMARY:

14-23 LOGGING AFB ME
STATION STATION NAME

72-79

YEARS

~~FEF~~
MONTH

PAGE 7

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19523 LORING AFB ME

70-79

MAR

STATION

STATION NAME

YEARS

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
45 / 47		.3																3	3					
46 / 45	.1	.1																2	2	4	4			
44 / 43	.2	.3	.3	.2														10	10	5	5			
42 / 41	.1	.8	.3	.8														18	18	6	3			
40 / 39	.1	.8	.4	.2	.4													18	18	7	4			
38 / 37	.2	.8	.6	.6	.3													24	24	17	5			
36 / 35	.0	3.3	1.3	1.2	.2													62	62	23	16			
34 / 33	.2	3.9	2.2	.3														60	60	54	13			
32 / 31		3.7	1.2	.6														51	51	61	35			
30 / 29		3.2	2.8	.6														60	60	63	31			
28 / 27	1.2	4.0	2.3	.3														70	70	61	53			
26 / 25	.6	3.7	3.1	.2														71	71	70	61			
24 / 23		3.3	1.6	.3														49	49	63	39			
22 / 21	.9	3.1	2.2															57	57	59	41			
20 / 19	.4	2.5	3.5															60	60	52	46			
18 / 17	.2	3.1	2.2	.1														51	51	56	29			
16 / 15	.1	2.6	1.3															37	37	60	41			
14 / 13	.2	3.2	1.2															43	43	43	57			
12 / 11	.9	4.2	.5															47	47	50	47			
10 / 9	1.2	2.3	.3															35	35	50	47			
8 / 7		2.6																24	24	26	48			
6 / 5	.5	1.7																21	21	29	35			
4 / 3	.4	1.6																19	19	21	40			
2 / 1	.3	1.9																21	21	20	46			
0 / 0	1.1	.3																13	13	24	28			
-2 / 3	.1	.3																4	4	5	22			
-4 / -5																				1	20			
-6 / -7																					30			
-8 / -9																					25			
-10 / -11																					15			
-12 / -13																					12			
-14 / -15																					5			
-16 / -17																					2			
-18 / -19																					1			
-20 / -21																								
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MCNTN

500-020
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

443

PAGE 1 9320-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
50 / 45	.5	.3																6	6	4	3			
44 / 43	.1	.4																5	5	6	7			
-2 / 41		.2	.3	.1														6	6	2	1			
4 / 39	.1	1.1	.6	.4														21	21	4	1			
33 / 37	.4	.5	.3	.8														19	19	17	7			
26 / 35	.4	3.4	1.3	.4														52	52	16	16			
34 / 33	.1	4.7	1.9	.6														69	69	57	10			
22 / 31	.1	2.5	1.5	.6														44	44	54	34			
2 / 25	.2	2.3	1.9	.1														42	42	54	47			
22 / 27	.6	4.1	3.5	.1														78	78	37	42			
25 / 25	.3	4.0	1.3															52	52	74	31			
24 / 23	.3	3.2	1.3															45	45	66	37			
22 / 21	.6	3.8	2.3	.1														63	63	54	58			
2 / 19	.9	3.0	2.3															57	57	49	46			
1 / 17	.2	4.3	1.4															55	55	56	50			
10 / 15		2.6	1.0															33	33	54	48			
14 / 13		3.4	.2															34	34	33	41			
15 / 11	.4	3.3	.6															41	41	35	42			
1 / 9	1.7	4.8	.4															65	65	58	53			
0 / 7	.3	3.3	.1															32	32	49	34			
5 / 5	.3	2.3																23	23	32	28			
4 / 3	.2	1.9																20	20	27	43			
3 / 1	.5	1.9																23	23	21	60			
1 / -1	1.3	.6																18	18	24	22			
-2 / -3	1.5	.6																21	21	23	22			
-4 / -5		.3																3	3	5	28			
-6 / -7	.2																	3	3	5	34			
-8 / -9																					27			
-10 / -11																					14			
-12 / -13																					17			
-14 / -15																					6			
-16 / -17																					1			
-18 / -19																					5			
-20 / -21																					1			
Element (X)	ΣX ²			ΣX		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

70-70

YEARS

MAE
MONTH

PAGE 2

1327-051
HOURS (L. S. T.)

5461
USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 LORING AFB ME STATION NAME

72-79 YEARS

MAR MONTH

PAGE 1

2601-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 50	.1	.2																3	3	1	1
44/ 43	.5	.2	.2															9	9	7	7
42/ 41		.2	.5															8	8	2	1
41/ 39	.2	.6	.2															15	15	10	2
37/ 37	.5	1.7	1.1	.6														37	37	20	6
36/ 35	.5	3.0	1.6	.4														53	53	25	22
34/ 33	.1	4.4	1.6	.5														58	58	44	23
31/ 31	.1	2.7	1.2	.8														44	44	64	29
29/ 29		2.4	1.2	.1														34	34	43	30
28/ 27	.6	3.6	3.1															60	55	43	48
25/ 25	.1	5.5	2.5															75	75	63	36
23/ 23	.1	2.9	1.6															43	43	7	29
22/ 21	.5	3.1	2.9															61	61	50	50
21/ 19	1.5	2.7	1.9															57	57	67	51
20/ 17	.2	3.4	1.1															44	45	47	62
18/ 15	.2	3.6	.9															45	45	55	44
17/ 13	.1	2.9	.4															32	33	39	35
16/ 11	.3	2.9	.4															38	38	41	39
15/ 9	1.5	4.3	.3															52	52	40	55
13/ 7	.4	2.6	.1															31	31	49	48
12/ 5	.1	2.6	.1															26	26	30	39
11/ 5	.2	3.0																30	37	33	32
10/ 1	.4	1.6																19	19	25	47
9/ -1	1.3	.4																15	16	21	7
8/ -3	.6	.8																13	13	13	38
7/ -5	.5	.5																10	10	11	22
6/ -7	.5	.1																7	7	10	28
5/ -9																					29
4/ -11																					18
3/ -13																					10
2/ -15																					9
1/ -17																					4
0/ -19																					6
-1/ -25																					2
Element (X)	ΣX ²		ΣX		X		X		X		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY:

YEARS

42
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY:

2 1 2
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-15/-17																							3												
-12/-19																							3												
-2/-21																							1												
TOTAL	6.440	4.35	7.13	7.3	6.1	1.0													930		930	930													
																			930		930														

PSYCHROMETRIC SUMMARY

YEARS

432
MONTH

PAGE 1 1215-1400
HOURS (L. S. T.)

[illegible]USAFETAC
FORM
11-64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY:

1-70

YEARS

3.5
MONTH

PAGE 2

1235-1400
HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-5/-3																						12													
-1/-11																						6													
-11/-13																						1													
-14/-18																						3													
TOTAL	2.526	0.334	4.21	1.1	9.9	4.3	1.5												929	929		929													
													</																						

PSYCHROMETRIC SUMMARY:

YEARS

MAJ
MONTH

PAGE : 1570-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
57 / 57						.1	.2	.3										4	4					
56 / 55						.2	.3	.4										4	4					
54 / 53					.1	.1	.2											4	4					
53 / 51				.1	.3	.2												5	6					
51 / 49				.1	.3	.2	.5	.1										9	9					
49 / 47		.2	.1	.2	.4	.6	1.1											25	25	2				
47 / 45	.1	.5	.3	.1	.5	.8	.1											25	25	14				
46 / 45	.1	.2	.3	.2	.4	.5												21	21	14				
44 / 41	.1	.5	.3	1.7	1.6	.8												45	43	10				
41 / 39	.6	1.1	.9	1.5	1.3	.2												53	53	26				
37 / 37	.2	1.7	1.3	1.5	1.1	.1												50	50	41				
36 / 35	.3	2.5	2.4	1.3	1.9	.4												79	79	65				
33 / 33	.3	3.3	2.5	2.5	1.5													96	96	89				
32 / 31		2.2	2.9	2.0	1.7													82	92	72				
29 / 29		1.7	1.9	2.9	.9													69	69	74				
29 / 27	.3	3.2	3.8	3.5														101	101	61				
26 / 25		1.7	1.9	1.2														45	45	97				
24 / 23	.2	.8	2.2	1.4	.1													43	43	89				
22 / 21	.2	.9	2.3	.9														39	39	55				
21 / 19	.1	1.5	2.7	.4														39	39	73				
19 / 17	.3	.4	2.4															29	29	53				
18 / 15		1.3	2.3															30	30	55				
16 / 13		.5	1.1															15	15	34				
12 / 11	.1	.5	.9															14	14	45				
9 / 9			.2															2	2	13				
8 / 7		.1	.2															3	3	7				
6 / 5																				1				
4 / 3	.2																	2	2	4				
2 / 1	.1																	1	1	1				
2 / -1																								
-2 / -3																								
-5 / -5																								
-6 / -7																								
-7 / -9																								
Elem. 11 (X)	Σ x'		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x					
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

71-79

YEARS

MAJ
MONTIN

0205 2

1500-1700
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
-1/-11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

PSYCHROMETRIC SUMMARY:

72-78

WEARS

55

[illegible][illegible]

PSYCHROMETRIC SUMMARY.

78-79

YEARS

~~MAE~~
MONTH

PAGE 2

167-200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
MIL 44

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 2170-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-70

YEARS

MAD
MONTH

PAGE 2

2100-23.2
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-73

YEARS

MAZ
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7-79

YEARS

2.25 MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

<u>1..-23</u>	<u>LOPING AFB ME</u>
STATION	STATION NAME

75-79

YEARS

APR
MONTH

PAGE 1

2000-02-0
HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY*

7-79

YEARS

ADD
MONTH

PAGE 2

2020-0200
HOWAS (L. S. T.)

[illegible]

JSAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
BUL A4

PSYCHROMETRIC SUMMARY:

YEARS

PER
MONTH

PAGE 1 2300-2500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-623 LORING AFB MS 70-79
STATION MONTH YEARS
PAGE 1 3600-38.0
HOURS TL. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W B.	Dry Bulb	Wet Bulb	Dew Point																
57/ 57		.1	.1															2	2																		
56/ 55		.3																7	7		1																
55/ 53																					3																
54/ 51		.1	.1	.1	.1													4	4																		
53/ 49		.2	.3	.1		.1												7	7		1																
52/ 47		.4	.1	.4	.1	.2												12	12		5																
51/ 45	.1	.3	.6	.6	.4	.1												19	19		5																
50/ 43		.6	.9	1.3	.7													33	33		5																
49/ 41	.2	1.2	.9	1.4	.3													37	37		16																
48/ 39	1.5	1.9	1.7	2.1	.3													63	63		39																
47/ 37	1.0	2.7	2.7	2.1														76	76		58																
46/ 35	1.4	5.7	4.4	1.4														117	117		71																
45/ 33	1.2	5.2	3.1	1.3	.1													103	103		128																
44/ 31	.8	4.9	4.0	1.2	.1													99	99		101																
43/ 29	1.3	3.8	3.2	1.0														81	81		106																
42/ 27	.3	3.9	3.6	.6														75	75		90																
41/ 25		1.7	2.2	.3														38	38		62																
40/ 23		1.6	1.3	.1														27	27		51																
39/ 21	.1	1.1	1.3	.1														24	24		38																
38/ 19	.2	1.7	.8															24	24		27																
37/ 17	.2	.2	1.2															15	15		24																
36/ 15		.6	1.3															14	14		12																
35/ 13		.9	.2															10	10		14																
34/ 11		.3	.3															4	4		15																
33/ 9		.6																5	5		4																
32/ 7		.4																4	4		9																
31/ 5																					1																
30/ 3																																					
29/ 1																																					
28/ -1																																					
27/ -3																																					
26/ -5																																					
TOTAL	7.740	.834	.114	.3	2.2	.4												900	900	900	900																
Element (X)	Zx'	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	4862069	64711	71.9	15.257	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	113286	29308	32.6	8.793	900		42.0					90																									
Wet Bulb	852842	26786	29.8	7.866	900		55.9					90																									
Dew Point	515763	21621	24.0	10.353	900	2.7	73.3					90																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1-23	LOSING AFB ME
STATION	STATION NAME

74-75

YEARS

APR
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
59						.2	.2											5	5													
58		.3	.1			.1	.1											6	6													
57		.7		.1	.2	.1	.3	.2										15	15	4												
56			.1	.2	.3	.2	.5											13	13	6	6											
55		.2	.3	.1	.7	.9	.1											28	28	3	1											
54		.3	.1	.4	.8	.8	.4											26	26	9	3											
53		.4	.3	1.0	1.1	1.1	.2											38	38	11	2											
52		.4	.8	1.0	1.9	2.7	.1											56	56	14	11											
51	.3	1.0	1.3	1.4	1.7	.7	.1											59	59	31	7											
50	.1	1.4	1.6	2.2	2.8	.1												74	74	51	12											
49	.3	2.6	1.4	2.2	1.8													80	80	66	29											
48	.3	2.9	1.7	3.1	1.4													85	85	68	32											
47	.7	3.8	3.1	1.9	1.7	.1												95	95	111	45											
46	.1	2.3	2.6	2.2	.8													72	72	99	43											
45	.2	3.1	2.4	2.2	.4													76	76	93	52											
44		1.1	2.5	1.2	.1													45	45	87	61											
43	.1	1.3	2.1	1.2	.1													44	44	57	76											
42		1.1	1.1	.8														28	28	58	92											
41		.4	.6	.8														16	16	36	61											
40	.1	.4	1.2	.6														19	19	27	57											
39	.1		1.2	.1														13	13	18	65											
38		.2	.3															5	5	11	59											
37			.2															2	2	17	40											
36																				3	26											
35																				2	17											
34																					13											
33																					16											
32																					13											
31																					9											
30																					15											
29																					3											
28																					7											
TOTAL	3.024	3.25	0.22	9.15	3	6.3	2.9	.2										900	900	900	900											
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																										
Rel. Hum.	3822292	56256	62.518	3.26	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																				
Dry Bulb	1333912	33819	37.6	8.423	900		24.5					90																				
Wet Bulb	1030586	29699	33.0	7.543	900		40.9					90																				
Dew Point	654546	22418	24.910	3.41	900	1.5	68.7					90																				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME 70-79 STATION NAME YEARS MONTH APR

PAGE 1 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
59 / 59																																		1	1		
58 / 57																																		1	1		
54 / 63						.2					.1						.4																7				
53 / 61								.1		.1		.3		.2		.2																	9				
51 / 59		.1			.2				.4	.1		.7		.2																			15	16	2		
50 / 57		.1	.2				.1	.2	.1	.4		.1		.1																			12	12	3		
50 / 55		.6					.1	.3	.6	.9																							24	24	3	3	
50 / 53		.2	.1	.1	.6							1.7		.4																			36	36	9	6	
52 / 51		.2	.1	.7	1.2	.9	1.1	.6																									43	43	5	2	
50 / 49		.3		.8	1.1	1.8	1.8	.1																									52	52	14	10	
49 / 47		.4	.9	.4	1.1	1.3	.6	.2																									51	51	16	3	
48 / 45		.9	.9	.3	1.1	1.6																											45	45	38	4	
44 / 43		1.3	1.3	.8	2.8	.9	.3																										67	67	48	8	
42 / 41		1.2	1.3	1.9	2.3	.4																											65	65	74	11	
40 / 39	.3	3.1	2.8	1.7	2.9	.8	.1																										105	105	75	40	
38 / 37	.2	1.6	1.4	1.6	1.6	.2																											65	65	89	37	
37 / 35	.8	1.9	2.4	1.4	2.1																												78	75	112	51	
34 / 33	.7	1.3	2.3	1.3	.7																												57	57	79	60	
32 / 31		2.2	1.7	1.9	.6																												57	57	85	45	
30 / 29		.4	1.8	1.1	.2																												31	31	63	55	
28 / 27	.1	.6	1.9	1.3	.1																												36	36	46	36	
26 / 25		1.3	.6	1.3																													26	26	46	63	
24 / 23		.3	.4	.3																													10	10	31	46	
22 / 21			.3																														3	3	22	69	
20 / 19			.3																														3	3	13	69	
18 / 17																																			4	67	
16 / 15																																			3	55	
14 / 13																																				26	
12 / 11																																				15	
10 / 9																																				17	
8 / 7																																				17	
6 / 5																																				6	
4 / 3											</																										

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

122
MONTH

2561 2

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
/ - - / -																							5 1									
TOTAL	2.118	.423	.917	.219	.310	.8	7.0	3.6	1.5											910		900										
																				930		900										
Element (X)	Σx^2	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																				
Rel. Hum.	3318767	51711	57.5	19.664	900	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb	1583814	36858	41.0	9.894	900		16.6	.2				90																				
Wet Bulb	1160990	31612	35.1	7.505	900		33.3					90																				
Dew Point	863988	23044	25.6	10.223	900	.6	66.5					90																				

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

JOINT CLIMATE CENTER
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION: SPRING AFB MS STATION NAME: 7-78 YEARS: 1960-78
PAGE 1 1960-78
HOURS (U. S. T.)

Temp. tF	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B., W.B. Dry Bulb		TOTAL Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

USAFETAC FORM 0-26.5 (OL A) 1 JUL 64

PSYCHROMETRIC SUMMARY

75-7c

YEARS

23.

PAGE 2 153-174
PAGES 15, 16, 17

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.S. W.B.	Dry Bulb	Wet Bulb	Dew Point									
1	2.7	18.7	17.4	16.6	17.2	10.6	9.1	5.1	1.7									91.0	90.0	90.0	90.0									

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3252563	54969	56.6	29.128	900	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	1823732	37332	41.5	9.146	900		15.5	.3				90
Wet Bulb	1175421	31857	35.4	7.291	900		32.1					90
Dew Point	675063	23049	25.6	9.681	900	.2	67.5					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-23 10:00 AM
STATION NAME

STATION NAME

7-79

YEAR

APR
MONTH

PAGE 1

18-10-2010
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
1- / 67																				1	1			
2- / 65																				1	1			
3- / 63					.1	.1														2	2			
4- / 61				.2																3	3			
5- / 59			.1			.1														2	2			
6- / 57			.1				.4	.1												4	8		3	
7- / 55		.7	.1		.2		.7													15	15	7		
8- / 53		.1			.2	.4	.5	.2												13	13	5	7	
9- / 51		.1			.7	.6	1.3													24	24	2	6	
10- / 49		.1	.2	.3	1.6	.9	.9													36	36	2	4	
11- / 47	.1	.4	.2	.8	.6	1.0	.3													31	31	5	2	
12- / 45		.4	1.3	1.9	1.9	1.3		.1												62	62	16	1	
13- / 43		.6	1.2	1.9	1.3	1.7	.3													63	63	39		
14- / 41	.1	.8	.7	1.5	1.9	.9														53	53	45	5	
15- / 39	.6	3.2	1.9	1.6	2.4	.7														93	93	74	19	
16- / 37	.7	2.2	2.7	3.1	2.1	.1														97	97	91	37	
17- / 35	.9	3.2	1.6	1.9	1.6															82	82	96	46	
18- / 33	.9	2.7	3.7	2.1	.4															82	82	106	72	
19- / 31	.4	3.2	1.9	2.7	.4															83	83	112	55	
20- / 29		1.9	2.4	1.3	.1															52	52	133	59	
21- / 27		1.8	1.9	1.1																42	42	51	96	
22- / 25		.9	1.1	.4																21	21	54	68	
23- / 23		.7	.6	.6																16	16	37	44	
24- / 21			.7	.2																8	8	27	63	
25- / 19		.6	.4																	9	9	11	73	
26- / 17			.1																	1	1	14	52	
27- / 15																						4	47	
28- / 13																						1	27	
29- / 11																							24	
30- / 9																							32	
31- / 7																							7	
32- / 5																							2	
33- / 3																							4	
34- / 1																							16	
Element (X)	ΣX ²		ΣX		X		ΣX		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

REVISIT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26.5 (OL A)
JUL 64

USAFETAC

5473

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 23 STATION NAME Living AFB, ME YEARS 71-76 MONTH APR
PAGE 2 1500-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
TOTAL	5.123	3.322	2.821	6.15.7	8.0	1.4	.6											900		900	900				
Element (X)	Σx ²				Σx				X				x ₂				No. Obs.	Mean No. of Hours with Temperature							
Rel. Hum.	3782559				55739				61.9				19.174				900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	1372001				34353				38.2				8.220				900		23.2	.1					90
Wet Bulb	1047301				33041				33.4				7.041				900		41.7						90
Dew Point	649884				22576				25.1				9.542				900	.4	69.3						90

PSYCHROMETRIC SUMMARY:

YEARS

APC
MONTH

HOURS (L. S. T.)

[illegible]0 26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM
JUL 64

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14423 LUPING AFB ME STATION NAME

70-70 YEARS

APR MONTH

PAGE 1

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 69																		3	3		
6 / 67																		3	3		
5 / 65																		5	5		
4 / 63				.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	13	13		
3 / 61			.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	21	21		
2 / 59		.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	41	41	5	
1 / 57		.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	55	55	11	
0 / 55		.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	99	99	21	4
54 / 53		.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	119	119	59	36
2 / 51		.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	141	141	19	47
53 / 49	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	205	205	42	28
48 / 47	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	224	224	77	23
46 / 45	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	297	297	120	30
44 / 43	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	355	355	206	32
42 / 41	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	363	363	292	72
40 / 39	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	593	593	442	164
38 / 37	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	618	618	591	220
36 / 35	1.2	4.0	2.9	1.8	.9	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	779	779	704	372
34 / 33	1.0	3.6	3.3	1.8	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	728	728	608	468
32 / 31	.4	3.6	3.3	1.9	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	670	670	784	497
30 / 29	.7	3.0	3.2	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	576	576	832	478
28 / 27	.4	2.6	2.6	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	472	472	600	734
26 / 25	1.5	1.3	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	242	242	531	614
24 / 23	.7	.8	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	141	141	342	440
22 / 21	.4	.7	1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	143	143	223	536
20 / 19	.1	.7	.9	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	127	127	155	562
18 / 17	.1	.2	.5	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	55	55	126	440
16 / 15	.1	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	37	37	85	347
14 / 13	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	31	31	46	216
12 / 11	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	21	21	39	155
10 / 9	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	16	16	27	166
8 / 7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	5	5	19	122
6 / 5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			2	61
4 / 3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				67
Element (X)	ΣX²		ΣX		X̄		σx		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY:

STATION NAME

YEARS

LDE
MONTH

11
HOURS (L. S. T.)

[illegible]

JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1023 LUPINE AFB ME

70-79

MAY
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7 / 69					.1													1	1					
8 / 67		.1		.1	.1		.1											4	4					
9 / 65		.5		.1	.2		.1											9	9	4	2			
10 / 63		.7		.3	.1	.4												11	11	2	4			
11 / 61				.9	.8	.4												19	19	5	3			
12 / 59		1.1	.7	1.4	.1	.2												32	32	5				
13 / 57	.1	1.5	.4	.4	.5		.1											29	32	16	9			
14 / 55	.9	1.6	1.7	.5	.1													37	41	44	25			
15 / 53	.7	1.7	.8	.8	.5	.4												35	39	43	26			
16 / 51	.7	1.8	1.4	.8	1.8	.4												55	55	29	26			
17 / 49		2.0	1.3	1.9	.2													55	56	35	28			
18 / 47	.2	3.0	1.8	1.6	1.7	.5												74	75	38	4			
19 / 45	.4	4.3	3.3	2.1	.9	.1												101	103	72	38			
20 / 43		3.4	2.4	1.9	.8	.1												78	87	99	43			
21 / 41		3.1	2.6	1.4	1.1													75	76	84	65			
22 / 39		2.5	3.7	2.2	.9													85	85	71	52			
23 / 37	1.2	2.3	3.3	2.4	.1													85	85	87	67			
24 / 35	.4	1.8	2.1	1.3														51	51	82	91			
25 / 33	.1	1.3	1.4	.5														28	28	81	71			
26 / 31	.1	.3	.8	.5														16	16	48	55			
27 / 29		.1	1.1	.2														13	13	26	50			
28 / 27		.1	1.1	.1														12	12	17	58			
29 / 25		.2	.3															5	5	17	34			
30 / 23			.1															1	1	11	18			
31 / 21			.1															1	1	2	33			
32 / 19																				1	37			
33 / 17																				1	16			
34 / 15																					6			
35 / 13																					4			
36 / 11																					4			
37 / 9																					3			
38 / 7																					1			
39 / 5																					1			
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

22
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

4 3 2
MONTH

PAGE 1 2350-0533
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/ 63				.2														2	2																
14/ 62		.5		.2		.2												9	9	7	7														
17/ 61	.2	.2	.1	.4														9	9	6	7														
17/ 59		.7	.2	.4	.5													17	17	6	7														
17/ 57		.2		1.4	.5													25	25	6	3														
50/ 55	.3	2.7	.4	1.7	.2													42	42	23	21														
14/ 53	.5	2.7	.5	.9														43	46	41	24														
12/ 51	.4	1.3	1.2	.4	1.7	.3												43	47	45	27														
17/ 49	.2	2.2	1.4	1.1		.1												46	48	53	24														
14/ 47		3.4	1.6	2.2	.6	.2												75	75	45	19														
17/ 45	.6	4.4	2.7	1.2	.2	.1												83	84	55	53														
14/ 43	.1	3.7	2.3	1.5	.7													73	74	82	52														
12/ 41	.2	3.5	2.9	1.1	.5													75	75	76	53														
17/ 39		3.3	3.2	1.7	.4													72	73	69	51														
17/ 37	.4	4.1	3.1	1.4														82	84	73	58														
17/ 35	.8	2.7	3.7	1.5														80	80	102	76														
30/ 33		2.3	2.9	.8														54	54	67	71														
16/ 31	.1	1.4	2.4	.7														42	42	74	76														
17/ 29		.2	1.2	.1														14	14	42	54														
16/ 27		.1	1.7	.2														12	12	24	53														
16/ 25		.4	.7															10	10	18	50														
14/ 23		.2	.1															3	7	15	25														
12/ 21																				5	26														
17/ 19			.3															3	3		35														
16/ 17																					6														
14/ 15																				3	14														
14/ 13																					5														
17/ 9																					7														
14/ 7																					1														
17/ -1																					2														
TOTAL	4.34	2.23	1.71	7.9	4.9	1.0												912	932	912															

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67			

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

7-75

YEARS

 MAY
MONTH

1155

0523-09.0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70 / 70								.2										2	2																
70 / 71						.1	.1	.2										4	4																
70 / 69			.2			.2	.3											7	7																
70 / 67			.1			.2	.1	.1										5	5	1															
69 / 69		.3	.1	.5	.3				.1									13	13	2	2														
69 / 63		.2	.1	.4	.2	.3	.1											17	13	7	4														
69 / 61		.1	.3	.2	.7	.3	.1		.1									17	27	9	2														
69 / 59		.2	.5	.3		.4												14	14	13	2														
69 / 57	.1	1.2	.6	.7	.5	.4	.1											35	36	13	9														
69 / 55	.9	1.6	.7	1.6	.7	.9	.2	.1										51	68	39	27														
69 / 53	.4	1.5	1.6	.9	2.1	.1	.1											62	63	39	33														
69 / 51	.4	1.7	2.1	1.3	1.5	.5	.2											64	66	42	27														
69 / 49	.2	2.5	1.6	1.3	.7	.7	.2											66	66	46	36														
69 / 47		3.1	1.2	1.3	1.3	.5												72	72	72	41														
69 / 45	.7	4.6	1.8	2.0	1.8	.2												109	101	99	58														
69 / 43	.1	3.2	2.6	2.5	1.4	.4												94	94	72	63														
69 / 41	.1	1.9	2.7	2.6	.6	.2												76	77	76	63														
69 / 39	.2	2.5	2.7	2.1	.5	.1												75	76	79	56														
69 / 37	.4	2.1	1.1	1.0	.7													48	49	105	69														
69 / 35	.4	1.4	1.2	.5	.1													37	37	72	74														
69 / 33		.7	.4	.7														16	16	48	59														
69 / 31		.1	.2	.9														11	11	29	69														
69 / 29		.1	.7															7	7	21	45														
69 / 27		.2	.2															4	4	9	53														
69 / 25		.1	.1															2	2	13	42														
69 / 23																				3	13														
69 / 21				.1														1	1		19														
69 / 19			.2															2	2		15														
69 / 17																					15														
69 / 15																				3	17														
69 / 13																					5														
69 / 11																					1														
69 / 9			</																																

PSYCHROMETRIC SUMMARY

YEARS

444
MONTH

7500-0000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

24-70

YEARS

MONTH

PAGE :

79-1-11
HOMES (1-5-7)

PSYCHROMETRIC SUMMARY

14-23 LONG AFB ME
STATION STATION NAME

7. -72

YEARS

 MAY
MONTH

PAGE 2

2972-11.2
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
10 / 10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

PSYCHROMETRIC SUMMARY

-73

YEARS

44

PAGE 1 12-1-140
HOURS 11-5-1-1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 65														.1				1	1																
2 / 67									.3				.3	.5				11	1																
3 / 68							.1	.2	.1			.1						6	6																
4 / 69										.2	.4	.2						2	2																
5 / 70					.1				.4	.3	.5							13	13																
6 / 71									.2	.5	.2	.2						11	13																
7 / 72						.1	.1	.1	.1	.2	.1	.2						9	10																
8 / 73						.1	.1	.3	.2	.4	.2	.1						22	24																
9 / 74						.1	.3		.7	.3	.3	.2						16	19	1															
10 / 75						.5	.4	.1	.4	.5	.5							23	23	4															
11 / 69		.1			.3	.3	.3	.4	.2	.4	.2	.1						23	23		?														
12 / 67			.1		.4	.1	.1	.2	1.1	.5	.1							29	19	5	1														
13 / 65		.3	.1	.7	.9	.1	.4	1.2	.7	.4	.3							47	30	19	1														
14 / 63	.2	.3	.1	.9	.1	.5	1.3	1.2	.7	1.1	.1							52	45	25	10														
15 / 61		.3	.8	.4	.5	.3	1.2	1.5	.7	.4								59	59	32	2														
16 / 59		.2	1.3	.3	.5	.2	1.5	1.4	1.1	.2								62	63	29	3														
17 / 57		1.0	.8	.1	.8	.9	.7	3.3	.4									72	74	40	16														
18 / 55	.2		.7	.7	1.8	.9	1.5	.3	.1									65	62	50	35														
19 / 53	.2	.3	.4	.8	1.1	1.0	1.5	.4										55	57	56	40														
20 / 51		1.4	1.1	.8	1.1	1.8	.3	.4										63	63	46	59														
21 / 49		.9	1.3	1.1	.4	.5	.9	.3										49	49	75	31														
22 / 47		2.2	1.5	1.3	.7	.5	.9											67	67	57	30														
23 / 45		2.2	1.1	1.3	.3	.6	.4											60	60	114	49														
24 / 43	.3	1.5	.7	.2	.1	.3												29	29	117	52														
25 / 41		.7	.1	.1	.2													10	10	73	67														
26 / 39	.4	.4	.4	.1	.1	.2												15	15	93	64														
27 / 37	.1	.7	.3		.4	.2												16	16	34	62														
28 / 35		.4			.1	.1												6	6	25	77														
29 / 33		.2			.1													3	3	12	51														
30 / 31		.1																1	1	7	46														
31 / 29																				2	52														
32 / 27																				4	50														
33 / 25																				1	32														
34 / 23																					28														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

PAGE - 127-142
-0005 (L. S. T.)

USAFETAC FORM 0-20.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14-23
STATION

LURING AFB ME STATION NAME

7.-7c

YÉARS

MONTH

PAGE 1

1501-17.2
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
35/ 87									.2			.1	.2					5	5																
36/ 86									.1	.1	.1	.5	.5					15	15																
34/ 83								.2	.1	.2	.1							5	5																
37/ 81							.1	.1	.3	.5	.7		.1					17	17																
37/ 79						.2	.2	.1	.2	.4	.7	.2						19	22																
77/ 77					.1			.1		.1	.5	.1						9	12																
77/ 75					.1		.1	.2	.1	.7	.2	.3	.1					17	19																
70/ 73				.1		.1	.2	.4	.3	.2	.2	.4						19	19																
72/ 71		.1		.1			.4	.3	.4	.4	.4							21	21	7															
71/ 69					.4	.1	.9	.5	.4	.4	.9	.3						37	37	3															
67/ 67			.1	.1	.2	.5	.2	.2	1.1	.5	.3							33	33	6															
66/ 65	.3		.4	.3	.7	.3	.7	.3	1.4	.4	.2							46	45	12															
67/ 63	.1		.3	.3	.3	.5	.4	1.3	1.9	.8	.3							58	59	14															
62/ 61		.2	.9	.3	.7	.2	.9	.7	.8	.7								52	54	35															
61/ 59	.3	.3	1.7	.4	.1	.4	1.6	2.3	1.4									71	72	27															
57/ 57		.9	.8	.7	.7	.5	.9	3.1	.8									74	77	63															
57/ 55	.3	.8	.4	.5	1.4	.5	1.5	.8	.4									62	63	44															
74/ 53	.3	.8		.4	1.2	1.7	1.3	.3	.2									51	51	64															
51/ 51		1.1	1.1	.8	.9	.9	.3	.4										54	54	49															
49/ 49		1.1	1.3	1.1	.8	.4	.2											44	44	77															
45/ 47		1.9	1.4	1.6	.4	.5	.8	.1										59	59	85															
45/ 45		3.3	1.2	.9	.7	1.1	.3											64	64	105															
44/ 43	.2	1.1	1.0	.5	.5	.1												32	32	122															
42/ 41	.1	.9	.3	.1	.2	.2												17	17	73															
37/ 37	.3		.4		.5	.9												16	16	44															
35/ 35		.2	.3		.2													7	7	24															
34/ 33		.8	.1															8	8	36															
32/ 31																				9															
31/ 29																				5															
28/ 27																																			
26/ 25																																			
24/ 23																																			
22/ 21																																			
Element (X)	Σx'	Σx	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

74-79

YEARS

MAY
MONTH

PAGE 7 15-11-17-12
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
1																						25		
2																						9		
3																						11		
4																						6		
5																						2		
6																						1		
7																						2		
TOTAL	12.6	11.2	8.8	6.2	8.1	11.5	11.8	10.1	5.7	4.5	2.5	1.2								912	912	912		

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DAY
MONTH

FACE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
4/ 53								.1				.2						3	3																
5/ 61												.1						5	3																
6/ 79						.1		.1	.1	.1								4	4																
7/ 77							.1	.1	.1	.2	.2							7	8																
8/ 75					.2	.1		.2	.4	.7	.1							16	16																
9/ 73				.1		.2	.2	.2	.4	.1								12	13																
10/ 71			.1	.2	.2	.2	.1	.5	.2									17	18																
11/ 69		.2		.1	.1	.7		.3	.1	.3	.2							23	23	3															
12/ 67			.1	.2	.3	.3	.9	.3	.1	.1	.1							22	24	6	3														
13/ 65	.2	.1		.3	.3	.7	.4	.3	.7	.2								34	35	11	2														
14/ 63		.1	.5	.2	.7	.8	.5	1.2	1.1	.2								49	50	12	5														
15/ 61		.3	.6	.3	.7	.5	.8	.2	.3	.1								43	45	15	6														
16/ 59	.2	.9	.4	.2	.1	.3	1.2	.9	.1									40	40	35	11														
17/ 57	.5	1.3	.9	.8	.1	1.4	1.4	.8	.2									56	58	51	21														
18/ 55		1.1	.9	.5	1.1	1.2	1.4	1.2	.1									69	71	42	21														
19/ 53	.5	1.4	.8	1.0	1.0	1.1	1.5	.9										75	77	52	37														
20/ 51		1.4	1.1	.3	1.4	1.2	.9	.3										65	66	45	30														
21/ 49		.9	1.2	1.1	.7	1.6	.5	.1										56	56	58	35														
22/ 47		2.5	1.3	1.8	1.3	1.2	.3											74	74	90	41														
23/ 45		2.2	1.8	1.1	1.9	.9	.1											72	72	91	56														
24/ 43	.3	2.3	2.2	.9	.7	1.3	.2											68	68	89	62														
25/ 41		1.6	.8	.4	.5	.1												32	32	93	38														
26/ 39	.4	.8	.7		.1	.2												20	20	86	68														
27/ 37	.2	.4	.4	.1	1.7	.2												22	22	51	75														
28/ 35		1.7	.1	.1	.2													13	13	31	70														
29/ 33		.1		.3	.1													5	5	24	56														
30/ 31		.2																2	2	8	41														
31/ 29		.1																1	1	11	49														
32/ 27																					7	53													
33/ 25																					1	26													
34/ 23																						26													
35/ 21																						14													
36/ 19																						26													
37/ 17																						21													
Element (X)	Σx'	Σx	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

7-79

YEARS

 MAY
MONTH

PAGE 2 16-206
HOURS (L. S. T.)

[illegible]0-26.5 (OL A)
REVISED PREV. EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE : 2100-23.0
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23 LOFING AFB MF

STATION STATION NAME

77-70

YEARS

22
MONTH

PAGE 2 2126-23
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

14 23 - CFI-3 AFB ME

-73

YEARS

DAY
MONTH

PAGE 1

ALL
HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
1 / 89																			1																	
2 / 87																			16	16																
3 / 85																			23	23																
4 / 83																			29	29																
5 / 81																			42	42																
6 / 79																			51	56																
7 / 77																			5	33																
8 / 75																			66	71																
9 / 73																			62	65	4															
10 / 71																			84	85	14															
11 / 69																			113	115	7															
12 / 67																			102	125	22															
13 / 65																			198	208	75															
14 / 63																			261	289	84															
15 / 61																			261	291	130															
16 / 59																			318	321	173															
17 / 57																			400	418	259															
18 / 55																			450	475	327															
19 / 53																			452	466	389															
20 / 51																			468	497	352															
21 / 49																			438	444	426															
22 / 47																			554	589	566															
23 / 45																			654	660	718															
24 / 43																			517	520	762															
25 / 41																			367	369	654															
26 / 39																			371	373	542															
27 / 37																			307	319	512															
28 / 35																			235	235	453															
29 / 33																			122	122	310															
30 / 31																			68	88	203															
31 / 29																			43	43	125															
32 / 27																			30	30	67															
33 / 25																			18	18	53															
34 / 23																			4	4	33															
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

23 Y
MONTH

256

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
27 / 21				.3	.5													3	3	9	198						
26 / 19			.1															5	5	1	187						
25 / 17																				2	180						
24 / 15																				6	92						
23 / 13																					39						
22 / 11																					12						
21 / 9																					12						
20 / 7																					5						
19 / 5																					6						
18 / 3																					2						
17 / 1																					4						
16 / -																					7						
TOTAL	.923	.419	.714	.911	.7	8.7	4.4	5.0	3.3	2.0	1.2	.5	.2						7438	7293	7293						
																		7293		7293							

PSYCHROMETRIC SUMMARY

7-79

YEARS

9. 4TH

PAGE 1 100-521
MOORE (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 77					.1													1	1																
73/ 78					.2	.2												2	2																
74/ 79				.1	.1	.2	.1											5	5																
75/ 80		.1		.2	.3	.1												8	8	1															
76/ 81	.1	.9	1.7	.5		.1												30	30	7	6														
77/ 82	.3	.6	1.4	.6	.2	.1												30	30	13	5														
78/ 83		1.3	1.6	1.1	.7													39	39	32	10														
79/ 84	.6	3.1	1.9	2.3	.1	.2												73	73	46	35														
80/ 85	.1	1.6	3.8	1.4	.4	.3	.1											70	70	41	43														
81/ 86	.2	3.4	3.4	.7	1.7	.4												83	83	55	36														
82/ 87	.1	3.8	2.7	2.7	1.7	.2	.1											95	95	92	53														
83/ 88		2.8	2.4	1.9	1.1	.2												76	76	77	72														
84/ 89		2.4	2.3	2.2	1.2													76	76	68	89														
85/ 90	.1	2.1	3.4	.9	.6	.1												67	67	67	52														
86/ 91	.1	1.9	2.7	1.4	.4													59	59	65	43														
87/ 92	.1	2.8	1.4	1.8	.3													58	58	88	55														
88/ 93	.1	2.5	3.7	1.1	.4													63	63	66	91														
89/ 94		1.2	1.7	.6	.4													35	35	53	77														
90/ 95		.7	1.7															15	15	47	46														
91/ 96		.1	.4	.3														5	5	38	41														
92/ 97			.6															5	5	11	41														
93/ 98																				5	44														
94/ 99																				8	21														
95/ 100																					10														
96/ 101																					5														
97/ 102																					5														
98/ 103																					5														
99/ 104																					5														
100/ 105																					5														
TOTAL	1.93	7.35	9.19	.1	9.8	2.3	.3											900	900	900	900														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5504024	69543	77.3	12.767	900	$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	Total
Dry Bulb	2862334	58276	55.9	7.734	900			7.8	1.7			9
Wet Bulb	2497083	46867	52.1	7.781	900			2.1				9
Dew Point	2282133	43755	48.6	9.128	900		3.4	1.1				9

PSYCHROMETRIC SUMMARY

2-79

YEARS

_____ MONTHS

Page 1

76-2-2210
HOURS (L S T)

[illegible]

PSYCHROMETRIC SUMMARY

1-1
 STATION
 STATION NAME
 -73
 YEARS
 1-1
 WORK
 1-1
 WORK

[illegible]

JSAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-79

YEARS

MONTI

PAGE 1 1570-1740
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

LOCAL CLIMATOLOGY BRANCH
 100-100
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 23 LORING AFB ME 7-79 YEARS MONTH

PAGE 1 1671-23-1
 HOURS (L. C. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Cwp Point						
57/ 97							.1															1	1				
57/ 95											.1	.2	.1									1	1				
57/ 93							.1	.3	.4	.7	.1	.2	.1									6	6				
57/ 91																						14	14				
57/ 89					.2	.3	.3	.4	.7	.1				.1								23	23				
57/ 87					.2	.7	.7	1.3	.4	.4	.4	.2										34	34		1		
57/ 85			.3	.1	.6	.8	.9	.7	.6	.6	.2											41	41				
57/ 83		.1	.2	1.4	.8	1.3	.6	.8	.6	.7	.2	.1										59	59				
57/ 81		.2	.9	1.2	.7	1.1	.7	.4	.8	.5	.1											60	60	11	2		
57/ 79		.5	1.2	1.3	1.2	1.1	.3	1.1	.5	.3												74	74	22	11		
57/ 77		.1	1.2	.2	1.6	.9	1.3	.8	.4	.1	.2											82	82	39	10		
57/ 75		1.3	1.3	1.9	.9	.8	1.3	1.2	.7	.1												94	94	56	13		
57/ 73	.3	1.4	2.2	1.1	1.3	1.9	1.3	1.2	.3	.1												100	100	72	53		
57/ 71		1.4	.9	.4	1.3	1.7	1.1	.4	.2													82	82	74	51		
57/ 69		1.9	2.4	.9	.7	.2	1.7	.1														65	65	35	39		
57/ 67		1.3	1.3	.9	.6	.7	.4	.4														43	43	70	52		
57/ 65		.6	1.6	1.7	.6	1.7	.6															47	47	95	61		
57/ 63	.1	.6	1.3	.3	.4	.1	.2															34	34	93	63		
57/ 61	.1	1.7	1.9	.4	.8	.3	.1															42	42	69	47		
57/ 59		.6	1.2	.2	.1	.2																21	21	68	53		
57/ 57		.6	.2	.1	.7	.1																11	11	48	68		
57/ 55		.6	.2	.3	.1																	11	11	30	77		
57/ 53		.1		.1	.1																	3	3	72	58		
57/ 51																									12	41	
57/ 49																									7	36	
57/ 47																										36	
57/ 45																										24	
57/ 43																										9	
57/ 41																										11	
57/ 39																										11	
57/ 37																										6	
57/ 35																										1	
57/ 33																											
57/ 31																											
57/ 29																											
57/ 27																											
57/ 25																											
57/ 23																											
57/ 21																											
57/ 19																											
57/ 17																											
57/ 15																											
57/ 13																											
57/ 11																											
57/ 9																											

USAFETAC FORM 0 26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

15-201
MOORE, J. E. T.

[illegible]

REVISED MEYER'S EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

PAGE 1 ALL
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7-70

YEARS

MONTH

PAGE 7

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-70

STATION

STATION NAME

YEARS

MONTI

PAGE 1

255-21
HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 03 LOPING AFB ME STATION NAME 7-75 YEARS MONTH

PAGE 1 03-1-157
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
70/75					.1																												1	1		
71/74					.1	.1																											2	2		
72/73			.3	1.7	.7																											10	10			
73/72	.1	.3	1.4	.6	.1																											27	27	7	4	
74/71		1.3	4.4	1.1																												62	62	17	6	
75/70		4.1	5.6	.6																												25	25	50	11	
76/69		3.3	3.6	1.4	.1																											60	60	97	49	
77/68	.2	4.2	3.4	1.4	.2	.1																										69	69	8	69	
78/67	.1	4.6	3.9	2.1	.3																											105	105	94	85	
79/66	.1	4.5	3.7	1.7	.4																											69	69	56	69	
80/65	.3	5.7	4.6	1.5	.1																											114	114	98	78	
81/64	.1	3.9	3.2	.8																												73	73	117	97	
82/63	.1	2.6	3.4	.5	.1																											63	63	9	85	
83/62		1.1	4.3	.5																												57	57	76	79	
84/61		1.3	1.4	.1																												26	26	54	76	
85/60		.5	1.1																													14	14	44	6	
86/59		.7	.2																													5	5	21	37	
87/58		.2																														3	3	11	31	
88/57																																			4	30
89/56																																				10
TOTAL		1.937	4.46	12.9	1.6	.1																											937	937	930	
																																	937	937	930	

Element (X)	Σx	Σx²	Σ	Σ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	639.22	76762	82.5	5.229	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	32425.16	5466.0	58.7	6.37	930			10.7	.3			93
Wet Bulb	29231.10	515.08	55.7	6.312	930			2.4				93
Dew Point	26945.16	49632	53.4	7.019	930			1.2				93

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6.69292	76.762	82.5	5.229	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3282516	54660	58.7	6.37	930			10.7	.3			93
Wet Bulb	2923111	51508	55.7	6.312	930			2.4				93
Dew Point	2694516	49632	53.4	7.019	930			1.2				93

PSYCHROMETRIC SUMMARY

— 149 —

PAGE . 157-170
HOURS 1.3.7

[illegible]

PSYCHROMETRIC SUMMARY

-13

JARS

SECRET

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19023 LORING AFB ME

7-79

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
80																		11	11			
79																		79	79			
78																		59	59			
77																		160	160			
76																		228	228			
75																		302	302			
74																		360	360	22	2	
73																		471	471	78	2	
72																		531	531	179	46	
71																		613	613	298	109	
70																		703	703	600	194	
69																		749	749	755	368	
68																		781	782	877	661	
67																		593	595	950	733	
66																		497	498	863	757	
65																		427	427	753	789	
64																		304	364	626	732	
63																		208	208	570	624	
62																		137	137	341	597	
61																		91	91	247	490	
60																		39	39	176	407	
59																		25	25	95	375	
58																		5	5	32	222	
57																		3	3	16	171	
56																		1	1	4	115	
55																				1	33	
54																					5	
TOTAL	.7	17.8	24.6	17.2	12.8	9.6	6.7	5.2	2.9	1.7	.6	.2	.0					7427	7431	7427	7427	
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	38498214		521358		70.2		15.996		7427		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb	33312702		493758		66.4		8.241		7431						359.1		174.2		49.4		744	
Wet Bulb	27133139		446487		67.1		6.268		7427						110.1		10.2				744	
Dew Point	23403094		413493		55.7		7.177		7427						35.0		.4				744	

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

72-78

YEARS

2116
MONTH

PAGE 1 300-2230
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY:

72-79

YEARS

MONTH

PAGE 1 330-6500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-79

YEARS

ALL
MONTH

PAGE 1

2650-0301
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

FORM 44

USAFETAÇ

PSYCHROMETRIC SUMMARY:

1-23
STATS

FOUO AFB K.

73-79

ALC
MCHTH

PAGE 1

5900-114
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL																			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																				
91 / 91																			1	1																					
89 / 89																			1	1																					
87 / 87																			1	1																					
85 / 85							.2	.1											3	3																					
83 / 83							.4												4	4																					
81 / 81				.1	.4	.2	.4	.4											15	15																					
79 / 79				.4	.6	.4	.4	.2											20	20																					
77 / 77			.2	.3	.6	1.3	.5	.4											32	32																					
75 / 75			.8	2.4	.8	1.5	.5	.3											58	58	7																				
73 / 73		.1	.3	1.9	1.6	1.5	.4	.4											59	59	19																				
71 / 71		.5	1.1	1.5	1.7	2.3	.9	.2											76	76	12	11																			
69 / 69		.2	2.8	2.3	2.7	2.3	.5	.1											98	98	35	18																			
67 / 67		.5	2.5	2.0	1.7	1.7	1.2	.2	.1	.1									90	90	74	23																			
65 / 65		1.6	1.4	2.4	1.9	2.3	1.3	.2	.3										126	126	88	43																			
63 / 63		1.4	2.3	2.5	1.7	2.2	.6	.6											104	104	103	26																			
61 / 61	.1	1.3	2.2	1.5	3.2	1.1	.9	.4											98	98	95	60																			
59 / 59	.1	1.2	2.3	1.5	1.3	.9	.3												70	70	100	73																			
57 / 57		.8	1.1	1.2	1.2	.5	.1												45	45	99	106																			
55 / 55		.5	.8	.5	.3	.2													22	22	86	86																			
53 / 53		.5	1.1	.8															22	22	87	66																			
51 / 51		.1	.3																4	4	6	77																			
49 / 49																					16	64																			
47 / 47																					2	44																			
45 / 45																						26																			
43 / 43																						23																			
41 / 41																						15																			
39 / 39																						6																			
37 / 37																						5																			
35 / 35																						1																			
33 / 33																																									
31 / 31																																									
TOTAL	.2	8.8	17.7	19.5	21.5	17.9	9.5	4.6	.9	.2									929	929		929																			
																						929		929																	
Element (%)	Σx ²	Σx	Σ	Σ ²	No. Obs.		Mean No. of Hours with Temperature																																		
Rel. Hum.	4324031	62065	66.8	13.8	2	929	≤ 0 F	≤ 32 F	≤ 7 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																												
Dry Bulb	4197526	62130	65.9	6.7	2	929			15.8	19.4	3.4		93																												
Wet Bulb	3375643	55723	60.0	6.2	0	929			15.0	2.6			93																												
Dew Point	2865072	51000	55.0	7.9	0	929		.1	5.2				93																												

PSYCHROMETRIC SUMMARY

71-79

YEARS

ALC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

ALLS
MONTH

PAGE 2 1230-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4-23	LOSING AFB ME	7-19	
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1501-1700
HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

0.26.5 (OL A)

JSAFETAC

PSYCHROMETRIC SUMMARY¹

1-23 LOCKING AFB 45
STATION STATION NAME

75-79

YEARS

AGE
MONTH

PAGE 2 1520-1710
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

100

PAGE : 1575-2000
NOV 11 1964

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
97/87								.1	.1	.1								3	3																
97/85										.1								1	1																
97/83						.1	.1	.1	.1									4	4																
97/81					.1	.2	.2	.1	.4									11	11																
97/79					.1	.2	.6	.3	.3									19	19																
97/77					.3	1.2	.4	.4	.2	.1								28	28	1															
97/75				.1	.2	.5	.9	.3	.4	.2	.1							26	26	2															
97/73			.1	.4	1.4	.6	1.5	1.1	.5									53	53	7	2														
97/71		.4	1.3	1.5	1.5	1.7	1.4	.3	.1									60	60	13	3														
97/69	.1	.9	3.2	.8	2.1	1.2	.2	.1	.3									82	82	36	9														
97/67		.6	1.3	1.2	2.4	1.4	1.1	.1	.1	.1								77	77	63	30														
97/65	.5	1.1	2.4	2.2	2.5	1.1	.4											90	90	71	57														
97/63		1.3	3.2	2.3	2.4	2.5	.5	.1	.1									122	122	76	56														
97/61		.9	2.5	2.2	2.7	1.1	.1	.2										98	97	124	54														
97/59		1.6	1.7	2.6	1.1	1.1	.5											73	73	106	77														
97/57		1.2	1.3	2.2	1.4	.9	.2											66	66	99	94														
97/55		.6	1.3	.8	.9	.6												39	39	90	89														
97/53		1.1	1.5	.5	.4	.2												35	35	92	97														
97/51		.1	.5	.8	.2													15	15	65	69														
97/49		.4	.5	.2	.1													12	12	45	66														
97/47		.1	.1	.2														4	4	39	66														
97/45																				22	71														
97/43																				3	25														
97/41																				3	32														
97/39																					19														
97/37																					15														
97/35																					8														
97/33																					11														
97/31																					1														
97/29																					1														
TOTAL		.210	.420	.820	.220	.215	.1	7.5	3.7	1.6	.2								930	930	930														
																		930		930															
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature										Total																			
Rel. Hum.	4451794	62964	67.7	14.234	930	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	4703326	67646	65.2	7.267	930			38.4	13.5	2.7		93																							
Wet Bulb	3239224	54550	58.7	6.529	930			12.2	1.0			93																							
Dew Point	2744166	49954	53.7	8.106	930		.2	4.4	.2			6																							

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1-23	LOSING AFR ME	7-79	1-79

PAGE 1 21-06-2303
-0003 (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

14.23 LOPIING AFB ME

74-79

YEARS

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
94/ 93											.1							5	5																
92/ 91										.1	.1	.1						11	11																
90/ 89					.1		.1		.1	.1	.1	.1						9	9																
88/ 87						.1	.1	.1	.1	.1	.1	.1	.1					23	23																
86/ 85					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				40	40																
84/ 83					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			66	66																
82/ 81				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			124	124	1															
80/ 79				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			133	133	1															
78/ 77			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			198	198	0															
76/ 75			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			273	273	31															
74/ 73		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			276	276	51															
72/ 71		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			413	413	98															
70/ 69	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			533	533	239															
68/ 67	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			587	587	434															
66/ 65	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			661	661	549															
64/ 63	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			753	753	634															
62/ 61	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			609	609	712															
60/ 59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			539	541	700															
58/ 57	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			501	501	725															
56/ 55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			462	462	735															
54/ 53	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			372	373	683															
52/ 51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			297	297	555															
50/ 49	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			233	233	451															
48/ 47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			142	142	356															
46/ 45	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			100	100	231															
44/ 43	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			44	44	122															
42/ 41	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			20	20	62															
40/ 39	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			9	9	34															
38/ 37	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			4	4	13															
36/ 35	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			1	1	8															
34/ 33	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					2															
32/ 31	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																				
30/ 29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																				
28/ 27	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																				
Element (X)	ΣX ²				ΣX				X̄				s _x				No. Obs.				Mean No. of Hours with Temperature														
Rel. Hum.																					≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

75-79

YEARS

AUG
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

10-70

YEARS

SEP
MONTH

PAGE 1 000-0200
HOURS (L. S. T.)

JSAFETAC FORM 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

14623	LORING AFB ME
STATION	STATION NAME

77-79

YEARS

SEP
MONTH

PAGE 1 7300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71			.2																2	2				
71/ 69			.1																1	1				
69/ 67	.1																		1	1	4	1		
67/ 65	.3	.6	.6	.1	.1														15	15	5	7		
65/ 63	.2	1.2	1.7	.4															24	24	15	12		
63/ 61	.1	1.8	.9	.2															27	27	8	5		
61/ 59		2.8	1.1	.4															39	39	27	13		
59/ 57	.2	1.9	2.1																36	36	47	27		
57/ 55		2.7	2.8	.3															52	52	30	33		
55/ 53		3.2	4.7	.2															73	73	56	37		
53/ 51	.1	3.8	3.7	.2															64	64	58	54		
51/ 49		3.9	5.3	.2															85	85	81	51		
49/ 47	.2	6.7	2.9	.2															84	84	65	76		
47/ 45		4.7	2.6	.2															67	67	99	61		
45/ 43	.1	4.1	3.1	.2															68	68	74	72		
43/ 41	.2	3.7	3.3	.1	.1														67	67	62	61		
41/ 39	.1	3.9	1.9	.3															56	56	66	70		
39/ 37		2.4	1.7	.1															38	38	61	63		
37/ 35	.2	2.9	1.1																38	38	42	60		
35/ 33		3.1	.8																35	35	42	37		
33/ 31	.2	1.3	.4																18	18	40	39		
31/ 29	.2	.6	.1																8	8	17	53		
29/ 27	.1	.1																	2	2	6	27		
27/ 25																						11		
25/ 23																						9		
23/ 21																						2		
TOTAL	2.6	54.2	39.6	3.4	.2														950	950	950	950		
Element (X)	Σx²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																		
Ref. Hum.	6235258	746330	82.9	7.213	900	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	2114496	42936	47.7	8.579	900		2.8	.4				90												
Wet Bulb	1913266	40788	45.3	8.487	900		6.5	.4				90												
Dew Point	1722069	38487	42.8	9.209	900		14.1	.1				90												

PSYCHROMETRIC SUMMARY

LA-79

YEARS

SEP
MONTH

PAGE 1

7600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
72 / 75				.1														1	1			
71 / 73		.1	.1															2	2			
70 / 71			.1															1	1	1	1	
69 / 69			.3															3	3	2		
68 / 67		.2	.7	.1														9	9	4	1	
66 / 65	.1	.7	.6	.6	.1													18	18	7	7	
64 / 63	.3	1.2	.4	.4														22	22	18	18	
62 / 61	.1	2.2	1.2	.6	.1													35	38	15	17	
61 / 59		1.7	1.6	.6	.2	.1												37	37	39	11	
60 / 57	.3	2.1	2.7	.6														51	51	39	33	
56 / 55	.1	2.6	2.7	1.0	.2													59	59	37	33	
54 / 53	.2	4.0	4.2	1.1														86	86	63	41	
52 / 51	.2	2.7	6.2	1.1														92	92	61	57	
51 / 49	.2	3.2	6.3	.9	.1													97	97	96	47	
42 / 47		3.2	3.1	.1														58	58	96	72	
40 / 45		4.1	3.9	1.0														81	81	95	97	
44 / 43		5.3	3.3	1.0	.2													71	71	72	76	
42 / 41	.2	3.1	3.3	.6														65	65	67	61	
40 / 39		1.3	2.3	.3														40	40	62	78	
38 / 37		1.7	1.2															24	24	55	54	
26 / 35	.1	1.1	.9	.1														20	20	35	35	
34 / 33	.1	1.4	.4															18	18	24	51	
22 / 31		.6																5	5	19	37	
21 / 22		.1																1	1	5	28	
21 / 27		.1																1	1	2	22	
20 / 25																					5	
20 / 23																					5	
TOTAL	2.1	41.2	45.4	10.1	1.0	.1													900		900	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	5696386	72434	80.5	8.616	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	2291615	44833	49.8	8.052	900		.7	1.6	.3			90										
Wet Bulb	2043170	42274	47.0	7.998	900		2.6	.7				90										
Dew Point	1812262	39586	44.0	8.889	900		9.7	.2				90										

PSYCHROMETRIC SUMMARY

7-79

YEARS

552
MONTH

PAGE 1 0902-1157
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/ 91						.1												1	1																
11/ 79						.1												1	1																
70/ 77				.1	.1	.2												4	4																
70/ 75			.1	.4	.4													9	9																
74/ 73				.7	.2		.1											9	9																
72/ 71				.3	.3	.4	.2											12	12	5															
71/ 69		1.0	.3	.3	.4	.4	.3	.1										27	27	5	2														
60/ 67		.5	.7	.8		.2	.1	.3										22	22	14	3														
60/ 65		.6	.2	.6	.6	.9	.5	.1										31	31	13	10														
64/ 63		1.3	1.3	1.4	1.8	1.4	.4	.4										71	71	19	21														
62/ 61	.1	2.0	.8	1.2	1.3	1.1	.7											69	69	36	14														
61/ 59		2.0	2.0	1.8	1.4	1.6	.1											60	60	42	32														
51/ 57	.2	1.2	1.3	2.6	2.0	1.7	.1											93	93	56	33														
50/ 55		2.2	2.2	3.0	3.2	.6												101	101	75	45														
74/ 53	.2	1.2	3.1	2.9	2.7	1.0												93	93	88	43														
62/ 51		.7	2.1	1.4	2.8	.4												67	67	95	51														
51/ 49	.2	.9	3.2	2.4	1.4	.7	.1											81	81	110	63														
48/ 47		2.3	2.1	1.3	1.6	.3												66	66	85	73														
44/ 45		.7	.9	1.3	1.2	.2												39	39	94	99														
44/ 43		.3	.7	.6	.1	.2												17	17	66	71														
42/ 41		.2	.1	.2														5	5	36	76														
41/ 39																				39	83														
38/ 37																				14	53														
30/ 35																				5	35														
34/ 33																				1	31														
72/ 31																					20														
31/ 29																					24														
20/ 27																					4														
26/ 25																					6														
24/ 23																					3														
22/ 21																					1														
21/ 19																					2														
TOTAL		.815	.422	.223	.422	.611	.529	1.1	.2									898	898	898	898														
Element (X)	Σx ²	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	4316737	60951	67.9	14.155	898	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	2924626	50326	56.6	7.309	898			8.5	2.4	.1		90																							
Wet Bulb	2381135	45833	51.0	7.577	898			2.4				90																							
Dew Point	1939889	40957	45.6	8.951	898		6.2	.5				90																							

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. L.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC FORM 102-11 11-11-11

PSYCHROMETRIC SUMMARY:

75-78

SEP
MONTH

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1252-1400
HOURS (11:55-1:15)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

11-79

5 FEB
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 83							.1		.1									2	2																
64/ 81						.2	.2	.2	.2									6	8																
64/ 79				.2		.2	.1		.1			.1						7	7																
70/ 77					.1	.2	.3	.1	.1									6	6																
70/ 75			.1	.4	.6	.2	.2	.2	.3									19	19																
70/ 73				.3	.1	.6	.6	.6	.2	.2								23	23	3															
71/ 71				.7	.1	.4	1.7	.3	.4	.2								33	33	5															
71/ 69			.3	.6	.1	.3	.8	.9	.4	.1								32	32	9	3														
66/ 67		.2	.6		.6	.8	.9	.2	.3									32	32	15	5														
66/ 65		.7	1.3	1.3	1.3	1.2	1.3	1.2										74	74	24	9														
64/ 63		1.7	1.7	.3	.9	2.2	1.7	.9	.1									79	79	24	21														
62/ 61	.2	1.3	.7	1.3	1.4	1.6	2.4	.4	.1									83	83	43	22														
61/ 59		.8	1.8	.9	1.4	3.1	1.7	.3										90	90	59	39														
60/ 57		.4	1.6	1.6	3.2	1.9	1.9											94	94	56	27														
56/ 55	.1	.7	2.7	1.6	2.7	2.1	1.2	.2										95	95	73	38														
74/ 53	.2	1.2	1.3	1.7	2.1	2.7	1.2	.3										88	88	97	23														
62/ 51		1.3	1.9	1.3	1.2	1.1												58	58	105	65														
60/ 49		.1	1.2	.8	.4	.7	.1											70	70	120	62														
68/ 47		.7	.9	.3	.2	.3	.1											23	23	86	61														
60/ 45		.2	.1	.7	.3													12	13	75	87														
44/ 43	.1	.2		.3	.1													7	7	54	66														
62/ 41		.1	.1															2	2	22	78														
41/ 39																				19	88														
76/ 37																				9	45														
36/ 35																				1	42														
30/ 33																					32														
72/ 31																					45														
61/ 29																					15														
68/ 27																					14														
60/ 25																					3														
26/ 23																					5														
22/ 21																					4														
71/ 19																					2														
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean σ _x of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F				≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY:

1-23 LORING AFB ME

9-79

555

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1526-1700
MOORE, J. S. J.

[illegible]

PSYCHROMETRIC SUMMARY:

15-10

YEARS

252
MONTH

PAGE 1 21CM-2360
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

7 - 72

YEARS

2025

PAGE 1

NOTES: 1. 5. 7. 1. 1.

[illegible]

PSYCHROMETRIC SUMMARY

72-79

YEARS

55

455 2

1000

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

 OCT
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

WFO

USAFETAC

PSYCHROMETRIC SUMMARY

PAGE 1 OCT
MONTH
0300-0500
HOURS (L. & T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14023 LOPING AFB ME 75-79 YEARS OCT
STATION MONTH
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
70/ 71				.2	.2	.2												6			6				
70/ 69						.1												1			1				
69/ 67			.3	.1	.2	.1												7			7				
66/ 65				.2		.3												5			5		2		
64/ 63		.1	.1	.3	.2	.1	.1		.1									12			12		5	1	
62/ 61		.1	.4	.4	.3	.1	.1											14			14		6	4	
59/ 59		.6	.9	.2	.4	.2	.1											23			23		7	3	
57/ 57		.6	.5	.6	.2	.1												20			20		23	5	
55/ 55	.2	1.3	.8	1.0	.5	.5												40			40		20	26	
54/ 53	.6	1.5	.6	.3	.4		.5											38			38		32	18	
52/ 51	.4	1.4	2.6	.8	1.4	.3												64			64		40	32	
51/ 49	.1	1.7	1.7	1.7	.6	.9												63			63		45	26	
48/ 47		1.9	1.3	2.0	1.7	.5												70			70		44	31	
46/ 45	.2	3.0	2.9	2.2	1.6	.9												100			100		58	50	
44/ 43		2.7	2.6	2.8	2.4	.2												93			93		74	38	
42/ 41		1.7	3.1	2.3	2.2	.2												93			93		73	40	
41/ 39	.1	1.8	4.1	2.4	.9													36			86		91	55	
38/ 37	.6	.6	3.3	1.6	.5													63			63		97	60	
36/ 35	.4	.8	3.0	1.4	.2													54			54		103	61	
34/ 33	.2	1.5	1.0	1.1														35			35		82	59	
32/ 31		.3	.8	.5	.1													16			16		58	74	
31/ 29			1.6		.1													16			16		26	66	
29/ 27	.1	.3	.4	.1														9			9		21	69	
26/ 25			.2															2			2		18	49	
24/ 23																							7	29	
22/ 21																								33	
21/ 19																								38	
18/ 17																								21	
16/ 15																								15	
15/ 13																								4	
11/ 9																								2	
8/ 7																								1	
TOTAL	3.2	21.5	32.3	23.0	14.3	4.8	.9		.1									930			930		930	930	
Element (X)	ΣX'	ΣX	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature							Total												
Rel. Hum.	4629136	64000	68.8	15.556	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb	1964340	42029	45.2	8.367	930		4.3	1.4					93												
Wet Bulb	1612821	37967	40.8	8.224	930		13.0						93												
Dew Point	1240421	32525	35.0	10.525	930		42.1						93												

USAFETAC FORM 0-26-5 (OLA) JUN 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

21-79

YEARS

CCY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-79

251
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (O-L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

14023 LOPING AFB ME
STATION STATION NAME

74-79

YEARS

251
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

REVISED EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

GCT
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

CCF
100111

PAGE 1 1620-2040
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
3/ 67			.2		.1		.1											4	4																
16/ 63			.2	.2														4	4																
34/ 63			.3	.2	.1	.1												7	7	2															
52/ 51		.2	.9	.3	.1	.2												16	16	3															
5 / 59		.3	1.0	.1	.4	.4												22	22	8	3														
57/ 57		1.5	1.0	.5	.2	.2												32	32	23	12														
57/ 55	.2	1.3		.5	.4													23	23	31	25														
54/ 53	.2	1.9	.3	1.4	1.3	.1												49	49	24	27														
52/ 51	.3	1.0	1.5	.3	.9	.3	.1											41	41	31	26														
5 / 49	.2	1.5	2.7	1.7	.5	.4												66	66	34	22														
46/ 47		1.7	1.9	1.0	.9	.1												52	52	50	20														
46/ 45	.4	1.7	3.0	2.0	1.0	.4												50	50	55	38														
44/ 43		1.5	3.2	2.4	1.3	.4												32	52	57	39														
43/ 41		1.8	3.6	2.3	1.3													33	33	62	41														
4 / 39	.3	2.4	3.5	2.7	1.1													92	92	93	43														
38/ 37		1.4	3.5	2.6	.6													75	75	88	63														
38/ 35	.2	1.7	2.4	2.6	.1													65	65	83	61														
34/ 33		1.5	2.5	1.1	.2													49	49	92	59														
30/ 31	.3	.8	1.3	.9														30	30	70	71														
30/ 29		.4	1.5	.5														23	23	54	59														
28/ 27	.1	.8	1.3	.1														21	21	29	68														
25/ 25		.3	.3															6	6	26	46														
24/ 23		.2	.2															4	4	16	37														
22/ 21		.1																1	1	4	39														
2 / 19																				2	38														
15/ 17																					32														
15/ 15																					21														
15/ 13																					12														
12/ 11																					7														
11/ 9																					1														
8/ 7																					3														
TOTAL	2.4	24.6	36.2	23.5	10.6	2.5	.2											927	927	927	927														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No Obs.	Mean No. of Hours with Temperature																													
Ref. Num.	4727321	64743	69.5	14.900	927	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	1826828	40376	43.6	8.709	927		8.5	.4				25																							
Wet Bulb	1521019	36660	39.5	8.770	927		20.5					93																							
Dew Point	1176731	31401	33.9	11.148	927		40.4					99																							

PSYCHROMETRIC SUMMARY

YEARS

5 OCT
MONTH

2105-2303

[illegible]

REVISED PREVIOUS EDITION, OF THIS FORM ARE OBSOLETE

0-26-5 (VL A)

JSAFETAC

PSYCHROMETRIC SUMMARY

YEARS

45
MONTH

511

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
77 / 77																		1	1																
76 / 76																		7	7																
74 / 73																		5	5																
72 / 71																		15	15																
71 / 69																		22	22																
68 / 67																		35	35																
66 / 65																		36	36																
64 / 62																		55	55																
62 / 61																		103	103																
61 / 59																		149	149																
57 / 57																		170	170																
56 / 55																		293	293																
54 / 53																		335	335																
52 / 51																		381	381																
50 / 49																		417	417																
48 / 47																		518	518																
46 / 45																		593	593																
44 / 43																		572	572																
42 / 41																		587	587																
41 / 39																		626	626																
38 / 37																		561	561																
36 / 35																		472	474																
34 / 33																		442	442																
32 / 31																		407	407																
31 / 29																		255	255																
28 / 27																		152	152																
26 / 25																		61	61																
24 / 23																		51	51																
22 / 21																		34	34																
21 / 19																		24	24																
18 / 17																		10	10																
16 / 15																																			
14 / 13																																			
12 / 11																																			
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D.26.5 (DL A)

USAFETAC

PSYCHROMETRIC SUMMARY

75-79

501

STAT:CN

STATION NAME

YEARS

MCHYH

Page 2

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HOURS (E., S., T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-73

YEARS

Admission

PAGE : 2502-2260
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
54 / 53		.7																5	6	1															
52 / 51	.1	.6	.3															11	11	7	4														
51 / 49	.4	.4	.1	.1														10	10	14	9														
50 / 47		.8	.3	.1														11	11	3	8														
49 / 45	.7	1.2	.4	.1														22	22	18	13														
48 / 43		1.2	1.2	.2														22	22	12	8														
47 / 41		1.9	1.1															27	27	19	13														
46 / 39		1.1	.9															18	18	13	8														
38 / 37	.3	3.9	2.4	.2														62	62	19	29														
36 / 35	.4	3.6	1.9	.1														54	54	59	26														
35 / 33	.6	5.8	1.7	1.5														81	81	69	43														
34 / 31	.4	5.7	3.4	.1														87	87	67	48														
33 / 29	.6	6.2	2.4															83	83	95	43														
28 / 27	.4	5.4	1.5															62	62	78	74														
26 / 25	.1	5.8	2.0															71	71	53	62														
24 / 23		5.1	.8															53	53	70	57														
22 / 21	.6	4.4	.1															46	46	65	70														
21 / 19	.7	5.3																51	51	55	62														
18 / 17		4.2																38	38	46	53														
16 / 15	.1	3.4																32	32	36	63														
14 / 13	.3	1.8																19	19	27	39														
12 / 11	.3	1.3	.3															18	18	16	53														
11 / 9	.2	.6																7	7	13	36														
10 / 7		.7																6	6	5	27														
9 / 5		.2																2	2	5	9														
8 / 3																					1														
7 / 2		.1																1	1	1	7														
6 / -1																					3														
-7 / -5																					2														
-5 / -5																					2														
-6 / -7																					2														
-8 / -9																					1														
-10 / -11																					2														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

013X0500 30V W/HT FINE 60 SMOOTING SPECIALTY Q35A11

0.26.5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

444

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PAGE 2 200-1212
-9911-1-11

[illegible]

JSAFETAC 100M 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THE FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

1-23 LOPING AFB ME
STATION STATION NAME

71-79

YEARS

NOV
MONTH

PAGE 1

7500-750
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
51 / 55		.1																1	1									
54 / 53		.7	.1															7	7		1							
52 / 51	.1	.8	.2															10	10	7	6							
51 / 49		.4	.6															9	9	11	4							
48 / 47		.4																4	4	5	7							
46 / 45	.6	1.6	.1	.1														21	21	15	16							
44 / 43		.7																8	8	13	8							
42 / 41		2.1	1.1															28	28	13	13							
41 / 39	.6	1.8	.8	.3														31	31	23	11							
38 / 37	1	4.6	1.6	.1														52	52	35	17							
36 / 35	.1	4.6	2.1															61	61	44	26							
34 / 33	.3	5.3	1.7	.6														67	67	74	39							
32 / 31	.3	6.3	2.2	.3														83	83	65	67							
31 / 29	.4	8.2	2.1															97	97	87	41							
28 / 27	.1	4.8	.4															48	48	86	79							
26 / 25	.2	6.5	1.9															77	77	54	71							
24 / 23	.1	5.6	.6															56	56	71	48							
22 / 21	.1	4.4	.1															42	42	69	52							
21 / 19	1.4	4.8																56	56	54	78							
20 / 17	.2	3.8	.3															39	39	42	55							
16 / 15	.3	3.4																34	34	42	73							
14 / 13	.4	1.7																19	19	32	43							
11 / 11	.4	1.3	.2															19	19	21	41							
9 / 9	.4	.7																10	10	10	37							
8 / 7	.3	.9																11	11	11	28							
6 / 6		.7																6	6	9	8							
4 / 3		.2																2	3	4	11							
2 / 1		.1																1	1	1	6							
1 / -1																					4							
-2 / -3																					5							
-4 / -5																					5							
-6 / -7																					2							
-11 / -11																					2							
Element (X)	ΣX ²	ΣX	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																					
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																												
Wet Bulb																												
Dew Point																												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1423 LORING AFB ME
STATION STATION NAME

77-79
YEARS

NOV
MONTH

PAGE 1 7600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
56 / 56		.3																3	3					
54 / 53		.3																3	3	5				
52 / 51	.1	.9	.2															11	11	4	9			
50 / 49		.6	.5															12	12	7	3			
48 / 47		.8																7	7	11	6			
46 / 45	.1	.8																8	8	9	10			
44 / 43	.2	1.8																18	18	9	11			
42 / 41	.1	1.4	.8	.1	.2													24	24	22	8			
40 / 39	.3	1.7	1.0	.3	.1													31	31	13	25			
38 / 37	.2	3.7	.9	.2	.1													46	46	33	8			
36 / 35	.1	4.7	1.8	.2														61	61	39	19			
34 / 33	.4	5.8	1.9	.2														75	75	79	43			
32 / 31	.7	7.1	2.2	.4														93	93	79	63			
30 / 29	.6	7.2	2.6															93	93	79	61			
28 / 27	.7	3.9	.7															47	47	89	79			
26 / 25	.2	5.8	.4															58	58	63	65			
24 / 23		4.3	1.1															49	49	55	42			
22 / 21	.6	5.6	.3															60	60	63	57			
20 / 19	1.2	6.3																65	65	57	74			
18 / 17	.3	3.1																30	30	61	59			
16 / 15	.1	3.3	.2															33	33	35	61			
14 / 13	.1	1.4																14	14	20	44			
12 / 11	.6	1.8																21	21	23	49			
10 / 9	.8	.9																15	15	20	41			
8 / 7	.2	1.0																11	11	8	19			
6 / 5	.1	.7																7	7	12	15			
4 / 3	.1	.3																4	4	5	10			
2 / 1		.1																1	1		11			
/ -1	.1	.1																2	2	2	8			
-2 / -3																				1	2			
-4 / -5																					7			
-6 / -7																					1			
-8 / -9																					1			
-10 / -11																					1			
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature										Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

ACU
MONTH

PAGE 2

7600-CB55
HOURS (L. S. T.)

[illegible]

JSAFETAC
FORM
III A
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1-23 LORING AFB ME
STATION STATION NAME

74-79

YEARS

NOV
MONTH

PAGE 1 2900-1110
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
59 / 59					.1													1	1					
58 / 57		.1		.1		.1												3	3					
58 / 55		.4	.2	.1	.1													8	8	2				
58 / 53		.6	.1				.1											7	7	3				
57 / 51		.7	.4	.1	.2													13	13	6				
57 / 49		.4	.8			.1	.1											13	13	6				
48 / 47		.7	.8	.3	.2	.1												19	19	8				
48 / 45		.8	.8	.4	.1													19	19	7				
44 / 43		1.8	.9	.7	.3	.2												25	35	14				
42 / 41		1.2	.7	1.7	.3													35	35	16				
39 / 39	.2	1.8	2.4	.9	.1													49	49	27				
38 / 37	.2	2.3	2.4	2.2		.1												66	66	22				
38 / 35	.1	3.9	2.2	.9	.1													65	65	17				
34 / 33	.3	4.8	3.3	1.2														87	87	42				
32 / 31	.3	5.4	3.4	.9														91	91	55				
31 / 29	.6	4.3	3.7	.1														75	75	67				
28 / 27	.2	4.3	2.7	.2														67	67	78				
28 / 25	.3	4.7	2.4															67	67	83				
24 / 23		3.3	1.7															45	45	58				
22 / 21	.3	3.2	1.1															42	42	43				
21 / 19	.2	4.1	.2															41	41	61				
18 / 17		1.3	.2															14	14	66				
15 / 15		1.4	.3															16	16	61				
14 / 13		.8																7	7	44				
12 / 11		.7																6	6	39				
12 / 9		.6																5	5	29				
8 / 7		.3																3	3	12				
8 / 5																			3	6				
4 / 3		.1																1	1	10				
4 / 1																				1				
-2 / -3																				1				
-8 / -9																				2				
-11 / -11																				1				
Element (X)	ΣX ¹	ΣX	̄X	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY:

YEARS

22
MONTH

395G-1105

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D.26.5 (OLA)

100-441100-1000

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1. 23 MORING AFB ME
STATION

7. -79
YEARS

NOV
MONTH

PAGE 1 1271-15-10
NO. 15 (L. S. 1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
59 / 59			.2	.1				.3																									6	6				
58 / 57			.3		.2					.3		.1		.1		.1																	11	11	3	1		
56 / 55			.8	.2	.5			.3			.2																						21	21	4	4		
54 / 53			.3		.2	.6		.3		.1		.1																					19	19	7	7		
52 / 51			.1	.6	.2	.4		.3		.2																							15	16	10	2		
50 / 49			.1	.7		.3		.3																									13	13	9	4		
45 / 47			.3	.7	.1	.6				.1																							18	18	16	3		
46 / 45	.1		.7	1.3	1.2	1.7		.2																									38	35	19	15		
44 / 43			.9	1.0	1.1	1.7		.4																									46	46	23	11		
42 / 41			.4	.7	2.5	1.6		.1																									48	49	37	11		
40 / 39	.2	1.3	1.4	1.2	.3			.2																										43	43	30	20	
38 / 37	.3	1.6	1.6	1.7	.2																													48	48	55	27	
36 / 35	.1	4.4	2.1	1.6	.3																													77	77	72	27	
34 / 33	.2	4.2	4.1	2.7	.1																													102	102	82	35	
32 / 31	.2	3.7	2.6	3.3																															88	83	93	71
30 / 29	.1	4.3	3.1	2.1																															94	84	67	63
28 / 27	.2	2.8	3.4	.9																															66	66	99	74
26 / 25	.2	2.3	3.1																																51	51	93	88
24 / 23		2.2	1.6	.2																															36	36	54	52
22 / 21	.2	1.8	1.5																																27	27	48	65
20 / 19		1.6	.2																																16	16	33	56
18 / 17		.8	.7																																13	13	20	50
16 / 15		.4	.1																																5	5	9	66
14 / 13		.4																																	4	4	9	34
12 / 11		.1	.2																																3	3	4	45
10 / 9			.1																																1	1	1	29
8 / 7																																					3	12
6 / 5																																						10
4 / 3																																						10
2 / 1																																						5
-5 / -9																																						3
TOTAL	2.0	35.9	30.2	22.0	1.8	0.0	2.8	.7	.2	.1																							900		900			
Element (X)	Σx²		Σx		x̄		sₓ		No. Obs.		Mean No. of Hours with Temperature											Total																
Rel. Hum.	4265327		60443		67.2		15.139		900		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																						
Dry Bulb	1174679		31375		34.9		9.471		900			39.4									97																	
Wet Bulb	942128		26088		31.2		8.538		900			53.3									95																	
Dew Point	633596		22000		24.4		10.324		900		.3	73.3									50																	

PSYCHROMETRIC SUMMARY

YEARS

495
MONTH

PAGE 1

157-1722
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 68
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

72-79

STAT 201

STATION NAME

YEARS

MONTH

1957

15:00-17:00
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D.26.5 (OL A)

FORM 4-1

USAFETAC

PSYCHROMETRIC SUMMARY

14-00000 100% AFB ME

70-79

405

STAT:24

STATION NAME

YEARS

MONTH

2257 1

1600-2200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-79

YEARS

NCI
MONTH

PAGE 1 20-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
51 / 55		.3	.1	.1														5	5	3	1														
54 / 53			.4															4	3		2														
52 / 51		.7	.3															9	9	1															
51 / 49	.6	.1	.1	.1														8	8	19	5														
47 / 47	.1	.3	.2	.2														8	8	3	12														
45 / 45	.4	1.3	.3	.5	.1													31	31	11	13														
44 / 43		2.1	.7	.3														23	26	17	9														
42 / 41		1.6	1.1	.3	.1													28	23	27	17														
39 / 39	.2	1.1	1.1	.3	.1													26	26	27	19														
37 / 37	.1	1.2	2.6	.3														33	33	26	19														
35 / 35	.7	2.7	3.3															60	60	36	16														
33 / 33	1.1	6.6	3.1	.4														103	103	79	47														
31 / 31	.5	6.7	3.3															89	89	85	60														
29 / 29	.3	5.7	1.9	.4														75	75	95	50														
27 / 27	.9	4.6	1.9															66	66	71	79														
25 / 25		6.3	2.1															80	80	64	61														
23 / 23			1.3															48	48	91	52														
22 / 21	.4	2.6	.9															35	35	56	68														
19 / 19		5.8	.6															56	56	30	57														
18 / 17	.3	5.9	.1															49	49	74	67														
15 / 15		2.1																19	19	35	45														
14 / 13		1.2																11	11	14	55														
11 / 11		.9	.2															10	10	14	57														
9 / 9	.1	.4	.1															6	6	5	26														
7 / 7	.1	.4																5	5	8	25														
5 / 5		.2																2	2	5	15														
3 / 3		.1																1	1	1	6														
2 / 2																					3														
1 / -1																					1														
-2 / -3																					2														
-4 / -5																					3														
-6 / -7																					1														
-8 / -9																																			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 2130-2300
HOURS 11-5-11

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

75-79

YEARS

100

PAGE 1

ALL
NOV 25 12 57 PM

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

1-23 LOGING AFB MO
STATION STATION NAME

7 193

WAS

Abstract

111

488

1992-1993

[illegible]

PSYCHROMETRIC SUMMARY

59-72

DEC
MONTH

STATION

- TATION NAME

YÉARS

PAGE 11

255-520
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-7	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
52/41			.1															1	1						
51/40			.1															1	1						
48/47		.2	.2	.1														5	5	4	2				
45/45		.2	.2															4	4	6	3				
44/43		.1																1	1	2	6				
42/41		.1	.3	.2														6	6	1	1				
41/39		.3	.1	.1														5	5	7	3				
38/37		.2	.2	.4	.1													9	9	5	6				
35/35		.3	1.2	.8	.2													23	23	12	8				
34/33		.9	1.2	.5														24	24	21	12				
31/31		.3	2.3	1.3														31	31	29	15				
29/29		.6	3.1	.5														40	40	32	15				
28/27		.3	3.9	.1														32	32	37	20				
26/25		.2	4.6	.2														47	47	32	29				
24/23		.1	5.2	.2														23	33	49	33				
22/21	1.4	4.3	.4															57	57	51	23				
21/19	.8	5.9	.3															65	65	53	57				
18/17	.6	7.5	.3															80	80	71	42				
16/15	.2	6.6	.2															65	65	67	46				
14/13	.3	5.1	.1															51	51	51	39				
12/11	.6	2.4																28	28	48	73				
11/9	1.4	5.7																38	38	34	64				
9/7	1.7	3.4																41	41	35	55				
8/6	.9	2.6																29	29	42	43				
6/3	.9	3.9																44	44	27	26				
5/	1.2	3.4																43	43	51	25				
4/-1	2.4	1.2																33	33	43	22				
-2/-3	1.7	1.3																28	28	34	30				
-4/-5	.8	1.3																16	16	17	35				
-6/-7	1.1	.1																15	15	18	35				
-8/-9	1.3																	12	12	12	25				
-10/-11	1.2																	11	11	11	32				
-12/-13	.9																	8	8	8	18				
-14/-15	.3																	3	3	3	20				
Element (X)	Σx'		Σx		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY:

69-78

250

PAGE 2

300J-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 0305-05
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

JSAFETAC

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

1350-05.00
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 LOPING AFB ME
STAT ON NAME

67-72

YEARS

MONTH

PAGE 1

3580-0210
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
52/ 51	.1																	1	1	1	1						
47/ 47		.3																3	3								
45/ 45	.1	.8																8	8	7	5						
43/ 43																				4	4						
41/ 41		.4																4	4	1	2						
39/ 39	.1	.2	.3															5	5	5	2						
37/ 37	.5	.8																12	12	12	6						
35/ 35	.5	1.6	.3	.1														24	24	14	9						
33/ 33	.1	1.3	.9															21	21	18	14						
31/ 31	.5	2.7	.4															34	34	24	22						
29/ 29		2.0	.3															22	22	16	16						
27/ 27	.5	3.4	.2															39	39	32	24						
25/ 25		3.0	.5															33	33	34	22						
23/ 23		2.9	.2															29	29	33	19						
21/ 21	1.6	4.2	.1															55	55	59	35						
19/ 19	1.6	4.3	.1															53	58	45	37						
17/ 17	.4	6.0																60	60	53	57						
15/ 15	.3	6.2	.2															63	63	46	39						
14/ 14	.1	4.1	.1															39	39	55	40						
13/ 13	.5	4.3	.1															46	46	49	45						
12/ 12	1.4	4.2																52	52	59	61						
11/ 11	.3	4.3																43	43	31	48						
10/ 10	1.6	2.2																35	35	57	36						
9/ 9	1.6	3.8																52	52	40	37						
8/ 8	.1	2.9																28	28	39	44						
7/ 7	2.6	1.2																35	35	36	33						
6/ 6	1.5	1.7																30	30	34	37						
5/ 5	1.2	1.2																22	22	22	16						
4/ 4	2.2	.1																21	21	28	26						
3/ 3	2.4																	22	22	22	45						
2/ 2	.8																	6	6	6	30						
1/ 1	1.1																	9	9	9	21						
0/ 0	1.1																	10	10	10	27						
-1/-1	.8																	7	7	7	16						
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

0605-0650
HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME 60-72

YEARS

520
MONTH

PAGE 1

1900-1117
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
-1/45		.3																3	3	1	1				
-1/43		1.4																13	13	9	2				
-2/41		.2																2	2	7	6				
-1/39		.6																6	6	4	4				
-1/37	.1	1.7	.5	.1														19	19	16	16				
-1/35	.3	1.4	.5	.1														22	22	12	8				
-2/33	.4	2.5	1.1	.1														36	38	25	11				
-2/31	.1	1.7	1.2	.1														29	29	35	18				
-1/29	.2	1.9	.3															23	23	25	28				
-1/27	.5	4.2	.9															52	52	33	17				
-1/25		3.7	.9															42	42	45	16				
-1/23	.3	4.3	.8															50	50	34	25				
-2/21	1.1	2.6	.9															44	44	51	41				
-1/19	.9	5.9	.4															67	67	40	51				
-1/17	.4	6.7	.6															72	72	71	47				
-1/15	.1	5.2	.2															51	51	72	44				
-1/13	.3	4.4	.3															47	47	42	47				
-1/11	.4	4.7																51	51	49	52				
-1/9	1.1	5.4																60	60	56	64				
-1/7	.5	4.7	.1															50	50	59	59				
-1/5	.5	3.4																37	37	47	39				
-1/3	.1	2.9																27	27	32	36				
-1/1	.2	3.1																30	30	25	40				
-1/-1	1.5	.8																22	22	40	34				
-1/-3	.5	1.2																16	16	17	27				
-1/-5	.6	1.1																15	15	15	20				
-1/-7	.9	.4																12	12	15	35				
-1/-9	1.7																	16	16	17	35				
-1/-11	.5																	6	6	6	24				
-1/-13	.3																	3	3	3	13				
-1/-15	.5																	5	5	5	16				
-1/-17																					19				
-1/-19																					14				
-1/-21																					12				
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

[illegible]

JSAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE, MAC

PSYCHROMETRIC SUMMARY

1-23 LORING AFB ME
STATION STATION NAME

62-75

YEARS

DEC
MONTH

PAGE 1

12-1-14
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
47		.1																													1	1	1		
46		.6																														5	5	1	
45		.5																														5	5	7	
44		1.2																														11	11	3	
43	.3	.6	.1																													13	13	9	
42	.2	1.2	.5	.1																												22	22	11	
41	.4	1.7	.1	.4																												18	18	9	
40	.1	2.4	1.9	.3																												44	44	10	
39	.8	1.6	1.2	.2																												35	35	23	
38	.2	2.4	1.3	.2																												38	38	10	
37	.5	4.2	2.5	.1																												68	69	22	
36	.4	5.2	2.6																													76	76	25	
35		2.3	2.3																													42	42	28	
34	.8	4.3	2.2																													67	67	48	
33	.2	5.5	1.3																													71	71	53	
32	.2	4.1	1.1																													51	50	38	
31	.2	5.3	1.6	.1																												67	67	48	
30	.1	5.5	.8																													59	59	52	
29	1.1	4.3	1.7																													58	58	66	
28	.5	4.1	.3																													45	45	71	
27	.1	3.2	.3																													34	34	62	
26		2.2																														20	20	32	
25		1.6																														15	15	40	
24		2.4																														22	22	19	
23	.9	.5																														13	13	27	
22	.1	.6																														7	7	23	
21	.1	.9																														9	9	25	
20	.5	.3																														9	9	25	
19	.2																															2	2	25	
18	.2																															2	2	28	
17																																		11	
16																																		15	
15																																		16	
14																																		2	
Elem. (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY:

25
MONTH

PAGE 7 125-1465
HOURS (L. S. T.)

[illegible]

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION 20-79 YEARS DEC 15-17 MONTHS
USAFETAC FORM 0-26.5 (OL A) JUL 64

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															10° AL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
47/ 55	.1																																1	1	1	1
46/ 47		.4																															4	4		
45/ 47		.1																															1	1	4	3
44/ 45		.1																															1	1	2	3
43/ 43		.5	.1																														6	6	2	1
42/ 41		.5																															5	5	4	1
41/ 39	.5	.8	.5	.1																													16	16	11	6
40/ 37	.5	1.5	.5	.2																													26	26	16	13
39/ 35	.1	1.1	.4																														15	15	18	11
38/ 33	.2	1.5	.9																														24	24	15	17
37/ 31	.6	2.8	1.8																														49	49	33	19
36/ 29	.6	1.8	.8																														32	32	33	21
35/ 27	.5	4.3	.9	.1																													49	49	34	25
34/ 25	.4	5.1	2.2	.1																													52	52	46	27
33/ 23	.1	3.3	1.3																														53	53	73	34
32/ 21	.9	.6	2.2																														62	62	62	31
31/ 19	.5	6.2	1.3																														73	73	56	59
30/ 17	.2	5.5	1.2																														64	64	78	51
29/ 15	.1	5.5	.6																														56	56	75	47
28/ 13	.4	5.5	.6																														62	62	45	51
27/ 11	.3	4.3	1.3																														52	52	58	53
26/ 9	.1	5.4	.5																														58	58	51	77
25/ 7		3.2	.3																														33	33	55	71
24/ 5		2.8																															26	26	32	32
23/ 3		2.6																															24	24	29	35
22/ 1		1.6																															15	15	24	38
21/ -1	1.1	.4																															13	13	22	31
20/ -3	.3	1.2																															14	14	16	23
19/ -5	.1	.6																															7	7	5	27
18/ -7	.4	.5																															8	8	11	29
17/ -9	.1																																1	1	1	21
16/ -11	.3																																3	3	3	25
-15/-13																																				16
-14/-15																																				20
Element (X)	ΣX^2		ΣX		\bar{X}		σ_p		No. Obs.		Mean No. of Hours with Temperature										Total															
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26.5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

67-73

YEARS

250
MONTH

2455

12-1762
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

Y E A R S

187-200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
53		.2	.1															3	3	2	2														
54		.3																3	3																
55																				4															
56			.1															1	1		4														
57			.1															2	2																
58																				2															
59	.1	.1																2	2	2	3														
60	.2	.2																13	13	9	5														
61	.3	.3	.1															24	24	13	7														
62	.4	.4	.2															22	22	14	13														
63	.5	.5	.3															25	25	20	14														
64	.6	.6	.4															31	31	29	12														
65	.7	.7	.5															35	35	33	23														
66	.8	.8	.6															39	39	28	27														
67	.9	.9	.7															43	43	46	27														
68	1.0	1.0	.8															52	52	48	22														
69	1.1	1.1	.9															57	57	53	37														
70	1.2	1.2	1.0															76	76	55	42														
71	1.3	1.3	1.1															59	59	86	44														
72	1.4	1.4	1.2															66	66	64	56														
73	1.5	1.5	1.3															40	40	55	51														
74	1.6	1.6	1.4															58	58	45	55														
75	1.7	1.7	1.5															56	56	52	90														
76	1.8	1.8	1.6															47	47	53	37														
77	1.9	1.9	1.7															41	41	43	35														
78	2.0	2.0	1.8															27	27	43	40														
79	2.1	2.1	1.9															29	29	23	36														
80	2.2	2.2	2.0															23	23	37	29														
81	2.3	2.3	2.1															14	14	20	30														
82	2.4	2.4	2.2															9	9	7	32														
83	2.5	2.5	2.3															12	12	15	25														
84	2.6	2.6	2.4															12	12	12	30														
85	2.7	2.7	2.5															4	4	4	22														
86	2.8	2.8	2.6															3	3	3	13														
Element (X)	Z _X ¹	Z _X																Mean No. of Hours with Temperature																	
Ref. Num.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

α β γ δ

TEARS

100

REF ID: A66222

USAFETAC FORM NA 44 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-25 LORING AFB ME

69-78

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2130-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
54 / 57			.1															1	1								
52 / 54			.2															2	2								
51 / 53																											
50 / 47	.2	.2																5	5	3	4						
49 / 45		.1																1	1	3	2						
44 / 43		.2																2	2	1							
41 / 41		.3																3	3	1							
41 / 39	.4	.6	.2															12	12	8	3						
37 / 37	.5	.9	.3															16	16	11	7						
37 / 35	.6	1.1	1.2															23	23	14	10						
35 / 33	.8	1.9	.3															24	24	2	14						
32 / 31	.2	2.6	.8															33	33	33	1						
29 / 29	.4	2.3	.8															32	32	28	31						
27 / 27	.3	3.9																39	39	28	16						
25 / 25	.1	3.5																34	34	45	25						
24 / 23	.4	4.7	.2															50	50	49	27						
22 / 21	1.1	4.4																50	50	52	28						
21 / 19	1.8	7.2	.4															86	86	61	45						
19 / 17	.6	5.6	.3															61	61	69	62						
19 / 19	.9	5.2	.2															55	55	71	59						
19 / 13	.3	4.2	.4															46	46	45	63						
18 / 11	.6	5.7																41	41	5	58						
17 / 9	1.1	4.5																51	51	43	67						
17 / 7	.3	4.2																42	42	41	42						
17 / 5	.1	3.9																34	34	44	33						
17 / 3	.6	3.8																42	42	40	36						
17 / 1	.6	2.9																33	33	36	26						
17 / -	2.9	.9																35	35	48	28						
-1 / -3	.8	1.8																24	24	26							
-5 / -5	.6	.9																14	14	15							
-5 / -7	.6	.1																7	7	9	27						
-8 / -9	1.5																	14	14	15	26						
-11 / -11	1.1																	9	9	9	23						
-12 / -13	.8																	7	7	7	21						
Element (X)	ΣX'		ΣX		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64

10 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-79

YEARS

DEC
MONTH

PAGE 2 210-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY:

YEARS

DEC
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR FORCE SERVICE/MAO

PSYCHROMETRIC SUMMARY

STATION 73 LORING AFB MD STATION NAME 60-79 YEARS MONTH ALL
PAGE 1 ALL
HOURS (L S T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
1- / 90																																	5	5	
2- / 89																																	13	13	
3- / 88																																	26	26	
4- / 87																																	56	56	
5- / 86																																	178	178	
6- / 85																																	259	259	
7- / 84																																	448	448	
8- / 83																																	573	573	
9- / 82																																	729	732	
10- / 81																																	1022	1025	
11- / 80																																	1157	1163	
12- / 79																																	1476	1477	
13- / 78																																	1645	1647	
14- / 77																																	1955	1958	
15- / 76																																	2424	2434	
16- / 75																																	2595	2594	
17- / 74																																	2569	2581	
18- / 73																																	2588	2595	
19- / 72																																	2655	2673	
20- / 71																																	2672	2687	
21- / 70																																	2583	2598	
22- / 69																																	2526	2535	
23- / 68																																	2392	2398	
24- / 67																																	2428	2433	
25- / 66																																	2633	2641	
26- / 65																																	2376	2373	
27- / 64																																	2215	2217	
28- / 63																																	2561	2563	
29- / 62																																	2743	2745	
30- / 61																																	3125	3127	
31- / 60																																	3283	3283	
32- / 59																																	3032	3037	
33- / 58																																	2651	2654	
34- / 57																																	2734	2736	
35- / 56																																			

USAFETAC FORM 0-26-5 (OL-A) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

434

HOURS (L. S. T.)

[illegible]

1-23 LOPINC AFB ME
STATION STATION NAME

67-70

YEARS

PAGE 7

ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14623 LORING AFB ME

69-79

STATION		STATION NAME					YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL				
0-07	MEAN	6.9	11.3	22.8	32.2	45.2	55.9	60.6	56.1	49.2	40.0	29.3	15.4	35.9				
	S D	14.403	13.629	10.753	7.301	8.493	7.734	6.000	7.131	6.196	6.871	9.467	12.624	20.276				
	TOTAL OBS	929	846	930	900	930	900	929	930	900	928	900	930	10952				
08-15	MEAN	7.8	9.7	20.9	30.6	43.3	54.0	58.7	56.3	47.7	38.9	28.4	14.5	34.4				
	S D	15.111	14.249	11.446	7.733	8.456	7.773	6.307	7.368	8.579	9.051	9.699	12.976	20.261				
	TOTAL OBS	930	846	930	900	930	900	930	930	900	927	900	929	10952				
16-23	MEAN	6.9	9.1	21.0	32.6	47.2	58.4	62.8	59.7	49.8	39.6	26.2	13.9	35.9				
	S D	15.495	14.465	11.638	8.093	8.568	7.315	5.512	6.723	8.052	8.804	9.861	13.360	21.849				
	TOTAL OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954				
24-31	MEAN	10.0	13.8	26.1	37.6	53.8	65.0	69.6	66.9	56.6	45.2	32.1	16.5	41.2				
	S D	14.458	13.124	10.261	8.423	10.070	8.299	6.138	6.761	7.309	8.367	9.281	12.243	22.842				
	TOTAL OBS	930	846	930	900	930	900	930	929	898	930	900	930	10953				
32-39	MEAN	14.3	18.7	30.3	41.0	57.9	68.7	73.5	71.0	60.5	48.7	34.9	19.8	45.1				
	S D	12.741	11.620	9.580	9.094	11.146	9.246	6.906	7.600	7.728	9.075	9.471	10.863	22.756				
	TOTAL OBS	930	846	929	900	930	899	928	930	898	929	900	930	10949				
40-47	MEAN	14.4	19.3	31.1	41.5	58.5	69.0	73.6	70.8	60.1	47.8	33.9	19.2	45.1				
	S D	12.607	11.241	9.369	9.146	11.186	9.292	6.848	7.886	7.724	9.084	9.351	10.900	22.722				
	TOTAL OBS	930	846	930	900	929	900	929	930	900	927	900	929	10950				
48-55	MEAN	11.8	16.1	28.0	38.2	54.1	64.6	68.9	65.2	54.6	43.6	31.3	17.1	41.2				
	S D	13.411	12.261	9.519	8.220	10.078	8.521	6.287	7.267	7.697	8.709	9.083	11.781	21.803				
	TOTAL OBS	930	846	930	900	929	900	928	930	900	927	898	930	10948				
56-63	MEAN	10.2	13.6	25.3	34.8	48.9	59.3	63.8	60.5	51.1	41.3	29.9	16.0	38.0				
	S D	13.923	12.986	10.042	7.438	8.876	7.754	5.884	6.967	7.814	8.819	9.241	12.430	20.670				
	TOTAL OBS	930	846	930	900	930	900	927	929	900	927	897	930	10946				
ALL HOURS	MEAN	10.5	14.0	25.7	36.0	51.1	61.8	66.4	63.6	53.7	43.1	31.0	16.6	39.6				
	S D	14.288	13.481	10.991	9.059	11.072	9.865	8.241	8.981	9.178	9.533	9.711	12.328	22.023				
	TOTAL OBS	7439	6768	7439	7200	7438	7199	7431	7438	7196	7423	7195	7438	87604				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14-23 LORING AFB ME

69-79

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	7.8	10.2	20.6	29.5	41.4	52.1	57.7	54.8	46.4	37.4	27.4	14.2	33.2
	S D	13.603	13.170	10.344	7.224	8.343	7.791	6.039	7.140	8.102	7.074	7.219	12.276	19.382
	TOTAL OBS	926	846	930	900	912	900	929	930	899	927	900	930	10929
03-05	MEAN	6.8	8.7	19.0	28.3	40.1	50.9	55.7	53.5	45.3	36.6	26.8	13.4	32.2
	S D	14.618	13.804	11.043	7.698	8.476	7.793	6.312	7.384	8.487	9.189	9.418	12.597	19.544
	TOTAL OBS	924	846	930	900	912	900	930	930	900	927	899	929	10927
06-08	MEAN	6.0	8.1	19.1	29.8	42.8	53.9	58.6	56.1	47.0	37.2	26.6	12.9	33.3
	S D	15.027	14.027	11.214	7.666	8.167	7.132	5.349	6.634	7.998	8.901	9.560	13.006	20.664
	TOTAL OBS	925	846	928	900	912	900	928	929	900	928	900	930	10926
09-11	MEAN	8.8	12.2	23.2	33.0	46.5	57.3	62.3	60.0	51.0	40.8	29.5	15.1	36.8
	S D	13.923	12.642	9.702	7.543	8.329	7.144	5.297	6.200	7.077	8.224	8.787	11.916	20.515
	TOTAL OBS	920	845	930	900	909	900	928	929	898	930	900	930	10919
12-14	MEAN	12.5	16.3	26.3	35.1	48.4	58.7	63.6	61.4	52.8	42.8	31.2	17.9	39.0
	S D	12.313	11.141	8.739	7.505	8.214	7.153	5.345	6.319	6.960	8.344	8.538	10.662	19.560
	TOTAL OBS	927	846	929	900	911	895	928	928	897	929	900	929	10923
15-17	MEAN	12.6	16.6	26.8	35.4	48.6	58.5	63.5	60.9	52.5	42.0	30.5	17.5	38.9
	S D	12.134	10.731	8.388	7.291	8.064	7.093	5.243	6.151	6.979	8.481	8.555	10.765	19.375
	TOTAL OBS	926	845	930	900	912	899	929	930	899	927	900	929	10926
18-20	MEAN	10.5	14.2	24.7	33.4	46.6	56.7	61.5	58.7	49.7	39.5	28.8	15.8	36.8
	S D	12.931	11.752	8.848	7.041	8.215	7.294	5.365	6.524	7.513	8.770	8.685	11.502	19.550
	TOTAL OBS	929	846	930	900	913	900	928	930	900	927	898	930	10931
21-23	MEAN	9.1	12.2	22.6	31.2	43.8	54.1	58.8	56.1	47.6	38.1	27.8	14.8	34.8
	S D	13.435	12.515	9.612	6.975	8.321	7.523	5.775	6.835	7.850	8.960	8.956	12.109	19.351
	TOTAL OBS	929	846	929	900	912	900	927	929	900	926	897	930	10925
ALL HOURS	MEAN	9.3	12.3	22.8	32.0	44.8	55.3	60.1	57.7	49.0	39.3	28.6	15.2	35.6
	S D	13.757	12.885	10.183	7.805	8.799	7.878	6.268	7.216	8.092	9.019	9.110	11.995	19.899
	TOTAL OBS	7406	6766	7436	7200	7293	7198	7427	7435	7193	7421	7194	7437	87406

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14-23 LORING AFB ME

69-79

STATION		STATION NAME												YEARS											
HRS 1ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
0-22	MEAN	.3	2.6	13.6	23.6	36.4	48.6	54.1	52.1	43.5	33.3	23.1	8.3	28.4											
	S D	16.657	16.331	13.787	9.885	10.407	9.128	7.015	8.058	8.936	10.916	11.716	14.745	21.826											
	TOTAL OBS	926	846	930	900	912	900	929	930	899	927	900	930	10926											
3-25	MEAN	-1.6	1.4	12.5	23.1	35.9	48.1	53.4	51.1	42.8	32.9	22.7	7.5	27.7											
	S D	17.373	16.839	13.503	10.126	10.354	8.825	7.319	8.147	9.209	10.878	10.804	15.334	22.351											
	TOTAL OBS	924	846	930	900	912	900	930	930	900	927	899	929	10927											
6-08	MEAN	-1.5	.8	12.6	24.0	37.5	49.9	55.5	53.1	44.0	33.4	22.5	6.9	28.3											
	S D	17.837	17.156	13.646	10.353	10.395	8.580	6.329	7.548	8.889	10.573	10.630	15.532	22.914											
	TOTAL OBS	925	846	928	900	912	900	928	929	900	928	900	930	10926											
9-11	MEAN	.5	3.7	15.0	24.9	38.0	51.2	57.2	55.0	45.6	35.0	24.1	8.6	30.1											
	S D	16.941	16.212	12.654	10.341	11.131	9.295	6.865	7.908	8.951	10.525	10.357	14.678	22.541											
	TOTAL OBS	920	845	930	900	909	900	928	929	898	930	900	930	10919											
12-14	MEAN	3.1	6.5	16.6	25.6	38.4	50.8	57.1	54.6	45.6	35.1	24.4	10.6	30.8											
	S D	15.971	15.170	11.963	10.223	11.174	9.928	7.445	8.506	9.310	11.054	10.324	13.936	21.563											
	TOTAL OBS	927	846	929	900	911	899	928	928	897	929	900	929	10923											
15-17	MEAN	3.4	6.8	16.9	25.6	38.1	50.2	56.7	53.9	45.2	34.6	24.0	10.5	30.6											
	S D	15.711	14.825	11.721	9.881	11.358	10.223	7.515	8.329	9.491	11.242	10.372	13.937	21.279											
	TOTAL OBS	925	845	930	900	912	899	929	930	899	927	900	929	10926											
18-20	MEAN	2.2	5.4	15.9	25.1	38.1	50.0	56.3	53.7	44.9	33.9	23.5	9.4	30.0											
	S D	16.138	15.373	12.362	9.642	11.178	9.881	7.124	8.100	9.101	11.148	10.345	14.242	21.629											
	TOTAL OBS	929	846	930	900	913	900	928	930	900	927	898	930	10931											
21-23	MEAN	1.3	4.3	14.9	24.4	37.7	49.4	55.1	52.7	44.0	33.4	23.1	8.7	29.2											
	S D	16.386	15.870	12.575	9.581	10.710	9.355	7.389	7.986	9.050	11.050	10.558	14.675	21.669											
	TOTAL OBS	929	846	929	900	912	900	927	929	900	926	897	930	10929											
ALL HOURS	MEAN	1.1	3.9	14.8	24.6	37.6	49.8	55.7	53.3	44.4	33.9	23.4	8.8	29.4											
	S D	16.703	16.117	12.765	10.039	10.876	9.464	7.177	8.163	9.166	10.949	10.556	14.652	21.965											
	TOTAL OBS	7406	6766	7436	7200	7293	7198	7427	7435	7193	7421	7194	7437	87406											

RELATIVE HUMIDITY

JAA

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	1-32	100.0	100.0	100.0	99.4	93.1	66.3	38.6	17.4	8.1	65.2	926
	3-15	100.0	100.0	99.9	99.7	91.5	69.2	39.0	15.7	7.9	63.1	924
	16-31	100.0	100.0	99.9	99.6	93.0	68.8	39.6	17.9	8.1	65.3	925
	1-11	100.0	100.0	100.0	97.8	85.3	59.1	34.2	15.1	6.4	65.6	920
	12-14	100.0	100.0	99.9	92.0	73.6	49.3	27.2	12.8	5.8	61.7	927
	15-17	100.0	100.0	100.0	94.1	74.5	50.2	27.2	12.9	4.9	62.1	926
	18-20	100.0	100.0	100.0	93.7	84.9	60.1	33.6	16.5	5.9	65.5	929
	21-23	100.0	100.0	100.0	99.1	91.4	66.3	36.1	16.0	7.4	67.3	929
TOTALS		100.0	100.0	100.0	97.6	83.9	61.4	34.4	16.2	6.9	65.9	7406

RELATIVE HUMIDITY

77-79

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	1-22	100.0	100.0	100.0	99.1	89.9	69.0	42.3	23.4	6.5	66.1	836
	23-28	100.0	100.0	100.0	98.9	89.8	69.0	44.9	23.3	8.9	69.1	844
	29-28	100.0	100.0	100.0	98.8	89.7	68.6	45.7	22.5	8.4	69.1	846
	1-11	100.0	100.0	99.8	94.6	79.9	53.7	35.1	16.8	5.1	64.5	845
	12-14	100.0	100.0	96.2	88.8	63.4	44.4	26.0	12.9	4.3	60.0	846
	15-17	100.0	100.0	97.8	86.2	66.7	43.8	25.6	13.6	3.0	59.2	845
	18-20	100.0	100.0	99.2	93.9	77.1	55.6	31.7	16.1	4.2	65.5	846
	21-23	100.0	100.0	99.8	96.1	85.7	64.4	39.1	18.2	4.6	66.6	846
TOTALS		100.0	100.0	99.7	94.8	80.8	59.2	36.3	18.0	5.6	65.0	6766

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72-70

44 卷六

STATION

STATION NAME

PERIOD

ACQUITTAL

1st city, 2nd city

Figure 6

3

Abstract

1000

Abstract

Abstract

5

RELATIVE HUMIDITY

DAY

MONTH

[illegible]

RELATIVE HUMIDITY

75-75

444

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF C-
		10%	20%	30%	40%	50%	60%	70%	%	90%		
JUN	1-02	100.0	100.0	100.0	99.9	99.2	83.6	71.6	44.1	11.6	77.3	970
	3-05	100.0	100.0	100.0	100.0	100.0	97.7	82.7	54.0	14.2	80.7	970
	6-08	100.0	100.0	99.9	99.4	95.7	82.4	64.1	34.1	6.6	74.2	970
	9-11	100.0	100.0	98.0	89.3	75.2	55.2	36.1	16.1	1.8	63.1	900
	12-14	100.0	99.4	90.1	73.6	56.2	42.5	28.3	13.1	2.0	56.2	899
	15-17	100.0	99.0	86.9	69.4	53.6	39.0	26.9	13.2	2.3	54.9	899
	18-20	100.0	99.7	96.2	84.7	68.8	52.7	37.9	20.2	3.3	62.0	900
	21-23	100.0	100.0	100.0	97.9	88.4	73.0	55.3	32.7	7.0	71.1	900
TOTALS		100.0	99.2	96.4	89.3	79.5	66.4	50.4	28.4	6.1	67.4	7198

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JUL

MONTH

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RELATIVE HUMIDITY

71-497

455

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	1-32	100.0	100.0	100.0	100.0	99.4	96.8	85.5	62.3	10.2	57.0	930
	33-65	100.0	100.0	100.0	100.0	100.0	97.5	94.0	61.6	16.7	63.0	930
	6-36	100.0	100.0	100.0	100.0	99.2	95.0	80.5	47.5	17.8	79.2	929
	9-11	100.0	100.0	99.8	97.7	87.2	64.6	39.5	17.9	3.0	66.8	929
	12-14	100.0	100.0	99.1	87.5	61.6	40.7	24.1	11.4	3.0	53.2	928
	15-17	100.0	99.8	98.5	82.6	57.1	37.8	26.7	12.8	3.1	57.3	930
	18-20	100.0	100.0	99.3	97.8	87.5	67.1	42.7	21.8	4.3	67.7	930
	21-23	100.0	100.0	100.0	99.7	98.4	91.4	69.0	37.7	8.2	76.1	929
TOTALS		100.0	100.0	99.7	95.7	86.3	73.9	57.5	32.9	7.8	71.1	7435

RELATIVE HUMIDITY

232

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN-02		100.0	100.0	100.0	100.0	99.9	99.1	92.4	49.1	12.1	81.9	699
03-05		100.0	100.0	100.0	100.0	99.9	99.3	95.3	61.5	14.4	82.9	977
06-08		100.0	100.0	100.0	100.0	99.9	97.8	88.1	51.3	9.8	61.5	900
09-11		100.0	100.0	100.0	98.3	88.1	65.6	43.5	21.5	4.1	57.9	898
12-14		100.0	100.0	99.3	89.1	63.9	43.0	27.8	14.2	2.1	59.3	897
15-17		100.0	100.0	99.0	88.3	63.1	42.4	28.9	15.1	3.7	59.8	899
18-20		100.0	100.0	100.0	99.4	95.0	76.6	49.8	24.7	5.1	71.6	905
21-23		100.0	100.0	100.0	100.0	99.8	94.9	72.8	36.1	7.7	77.1	900
TOTALS		100	100.0	99.8	96.9	88.7	77.3	62.2	34.3	7.1	72.4	7193

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

4-23 LORING AFB ME

10-79

457

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
197	1-10-02	100.0	100.0	100.0	100.0	98.5	93.6	71.7	42.2	13.6	77.2	927
	11-06	100.0	100.0	100.0	100.0	98.7	93.5	78.3	50.5	15.2	79.3	977
	16-08	100.0	100.0	100.0	100.0	98.2	91.5	75.9	49.5	16.9	79.0	926
	19-11	100.0	100.0	100.0	97.4	85.7	66.1	45.2	25.6	9.1	66.8	930
	12-14	100.0	100.0	96.7	86.5	68.0	50.1	32.8	16.5	6.5	61.5	929
	15-17	100.0	100.0	98.5	86.0	70.0	51.9	34.2	20.4	6.7	62.6	927
	18-20	100.0	100.0	100.0	98.3	90.1	70.6	48.2	25.5	9.9	69.8	927
	1-23	100.0	100.0	100.0	99.7	96.2	83.2	60.3	34.6	10.3	74.3	926
TOTALS		100.0	100.0	99.6	96.2	88.2	74.9	55.6	33.1	11.0	71.6	7421

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7.-77)

STATION

STATION NAME

PERIOD

22

MONTH

Figure 1

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230

MONTH

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 JOINT CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAJ

RELATIVE HUMIDITY

14623 LOSING AFB ME

67-79

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	97.6	85.9	61.4	34.4	16.2	6.8	65.9	7474
FEB		100.0	100.0	99.4	94.8	87.8	59.2	36.3	18.1	5.6	65.3	6746
MAR		100.0	100.0	99.0	92.1	77.0	57.6	37.5	22.0	6.2	64.9	7436
APR		100.0	99.9	96.1	89.4	75.7	58.3	41.5	25.7	10.9	65.5	7270
MAY		100.0	99.6	93.2	82.5	70.1	56.8	42.3	28.1	9.8	60.9	7293
JUN		100.0	99.6	96.4	89.3	79.5	66.4	50.4	28.4	6.1	67.4	7198
JUL		100.0	100.0	99.6	95.3	86.0	71.7	54.0	30.8	7.7	71.2	7427
AUG		100.0	100.0	99.7	95.7	86.3	73.9	57.5	32.9	7.8	71.1	7435
SEP		100.0	100.0	99.6	96.9	88.7	77.3	62.2	34.3	7.1	72.4	7193
OCT		100.0	100.0	99.6	96.2	88.2	74.9	55.8	33.1	11.0	71.6	7421
NOV		100.0	100.0	99.9	99.3	95.2	84.7	64.0	35.4	9.0	74.3	7194
DEC		100.0	100.0	100.0	99.3	93.8	79.0	54.1	25.2	7.9	71.7	7437
TOTALS		100.0	99.9	98.7	94.0	83.9	68.4	49.3	27.5	8.0	68.7	87486

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

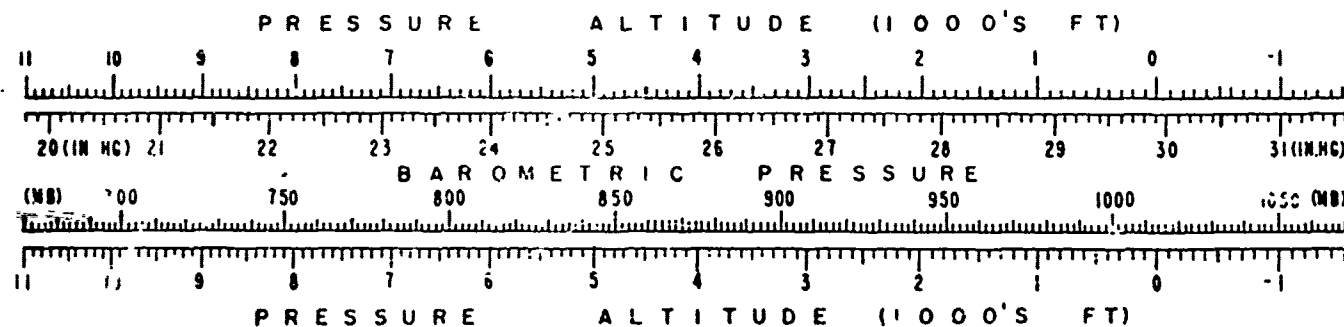
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14623 LOPING AFB ME

69-79

STATION		STATION NAME												YEARS															
HRS LST		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL			
01		MEAN		29.01729		29.05029		29.04929		29.03829		29.11029		29.13929		29.13129		29.17529		29.20529		29.21929		29.16129		29.118		29.118	
		S D		.334		.324		.330		.267		.196		.241		.229		.220		.273		.346		.353		.395		.375	
		TOTAL OBS		310		282		310		300		310		300		310		310		300		310		300		310		3652	
04		MEAN		29.02029		29.04829		29.04529		29.03729		29.11329		29.15029		29.13729		29.17329		29.20329		29.21329		29.16129		29.126		29.119	
		S D		.335		.332		.336		.271		.203		.250		.238		.219		.280		.337		.360		.403		.309	
		TOTAL OBS		310		282		310		300		310		299		310		310		300		310		300		310		3651	
07		MEAN		29.03129		29.05829		29.06329		29.05929		29.13529		29.16329		29.15229		29.19029		29.22529		29.23129		29.17529		29.137		29.135	
		S D		.333		.343		.343		.275		.208		.243		.231		.208		.286		.326		.362		.404		.309	
		TOTAL OBS		310		282		310		300		310		300		310		310		300		310		300		310		3652	
10		MEAN		29.04529		29.06829		29.06129		29.05929		29.12829		29.14929		29.13129		29.17529		29.22329		29.23229		29.17729		29.150		29.134	
		S D		.335		.348		.349		.271		.203		.231		.210		.191		.264		.333		.363		.399		.308	
		TOTAL OBS		310		282		310		300		310		300		310		310		300		310		300		310		3652	
13		MEAN		29.09929		29.03029		29.02829		29.03729		29.10229		29.11729		29.10829		29.15729		29.19229		29.20029		29.13529		29.101		29.101	
		S D		.331		.340		.339		.262		.193		.230		.206		.195		.268		.323		.347		.397		.299	
		TOTAL OBS		310		282		310		300		310		300		310		310		300		310		300		310		3652	
16		MEAN		29.01129		29.02929		29.01929		29.02429		29.08329		29.10429		29.09729		29.14329		29.18229		29.20529		29.13729		29.118		29.098	
		S D		.324		.325		.326		.253		.185		.218		.219		.194		.271		.320		.340		.407		.296	
		TOTAL OBS		310		282		310		300		310		300		310		310		300		310		300		310		3652	
19		MEAN		29.02129		29.05129		29.04329		29.04529		29.10029		29.11829		29.11229		29.16129		29.20029		29.22029		29.15929		29.131		29.114	
		S D		.328		.314		.320		.251		.185		.221		.217		.188		.271		.326		.350		.403		.295	
		TOTAL OBS		310		282		310		300		310		300		309		310		300		310		299		310		3650	
22		MEAN		29.01929		29.06029		29.05029		29.05129		29.11629		29.15029		29.14529		29.17429		29.21729		29.22629		29.17029		29.119		29.125	
		S D		.335		.313		.324		.260		.188		.245		.240		.203		.286		.336		.356		.394		.303	
		TOTAL OBS		310		282		310		300		310		300		309		310		300		310		299		310		3650	
ALL HOURS		MEAN		29.02029		29.04729		29.04529		29.04429		29.11129		29.13629		29.12729		29.16929		29.20629		29.21829		29.15929		29.125		29.118	
		S D		.332		.330		.333		.264		.196		.234		.224		.203		.278		.331		.354		.400		.303	
		TOTAL OBS		2480		2256		2480		2400		2480		2399		2478		2480		2400		2480		2398		2480		29211	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14-23 LORING AFB ME

69-79

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01			MEAN 1012.11013.11012.61011.91013.91013.21012.81014.51015.61016.61015.21014.3												1013.8
			S D 11.69711.56111.577 9.216 6.786 5.123 5.523 5.490 7.587 9.81710.88912.553												9.534
			TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310												3652
4			MEAN 1012.21013.01012.41011.81014.01013.31013.61014.61015.81016.71015.31014.5												1013.9
			S D 11.99311.56311.782 9.429 7.045 6.299 5.613 5.580 7.72310.34611.06612.653												9.691
			TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310												3652
7			MEAN 1012.71013.51013.11012.61014.81014.11013.71013.51015.71016.71017.41015.71014.8												1014.6
			S D 11.86112.25912.030 9.551 7.217 6.455 5.733 5.682 7.86510.14411.28112.672												9.823
			TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310												3652
10			MEAN 1013.21013.81013.11012.61014.61013.91013.51015.41016.61017.51015.91015.4												1014.6
			S D 11.97512.36812.242 9.411 7.038 6.370 5.719 5.677 7.80510.10011.39612.751												9.852
			TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 309												3651
12			MEAN 1011.51012.41011.91011.81013.61013.01012.61014.51015.61016.41014.71013.9												1013.5
			S D 11.79112.03611.848 9.123 6.711 6.160 5.574 5.537 7.496 9.71311.18012.781												9.629
			TOTAL OBS 310 282 310 300 310 298 310 310 300 310 300 310 300 310												3650
16			MEAN 1011.81012.41011.61011.41013.01012.41012.11014.01015.11016.31014.81014.1												1013.3
			S D 11.59911.54111.341 8.766 6.440 5.958 5.391 5.265 7.232 9.37210.95612.747												9.352
			TOTAL OBS 310 281 310 300 310 300 310 310 300 310 300 310 299 310												3650
19			MEAN 1012.31013.21012.51012.11013.51012.81012.51014.41015.81017.01015.41014.8												1013.8
			S D 11.71211.23211.249 8.585 6.346 5.840 5.238 5.226 7.142 9.35710.68712.582												9.270
			TOTAL OBS 310 282 310 300 310 300 309 310 300 310 300 310 299 310												3652
22			MEAN 1012.21013.51012.71012.31014.01013.41013.01014.81016.01016.91015.31014.6												1014.1
			S D 11.94811.15211.394 8.991 6.358 5.964 5.325 5.350 7.383 9.62210.67512.713												9.370
			TOTAL OBS 310 282 310 300 310 300 309 310 299 310 299 309 309 309												3648
ALL HOURS			MEAN 1012.21013.11012.51012.11013.91013.31012.91014.71015.91016.91015.31014.6												1013.9
			S D 11.84111.75011.681 9.147 6.763 6.162 5.532 5.492 7.538 9.77110.99812.696												9.576
			TOTAL OBS 2480 2255 2480 2400 2480 2398 2478 2480 2399 2480 2397 2478 2478 2478												29205